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**SAMPLE CATCHES OF PENAID SHRIMP
TAKEN BY TRAWLING IN THE NORTHWESTERN
GULF OF MEXICO, 1961-65**

JAMES M. LYON and KENNETH N. BAXTER

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SAMPLE CATCHES OF PENAEID SHRIMP TAKEN BY TRAWLING IN THE NORTHWESTERN GULF OF MEXICO, 1961-65¹

JAMES M. LYON and KENNETH N. BAXTER²

ABSTRACT

Data from a 5-year shrimp trawling survey of the northwestern Gulf of Mexico are reported by station, time, and depth. Numbers of 12 species of penaeid shrimp taken during 113 cruises are recorded.

INTRODUCTION

Reported herein are sample catches of penaeid shrimp taken by trawling in the northwestern Gulf of Mexico. This report represents part of a hydrological and biological survey conducted during 1961-1965 by the Galveston Laboratory of the Gulf Coastal Fisheries Center, National Marine Fisheries Service at Galveston, Texas. Objectives of the survey were: 1) to define seasonal distribution of planktonic stages of penaeid shrimp (Temple and Fischer, 1965; Temple and Fischer, 1968), 2) to assess comparative abundance of penaeid shrimp by season and depth (Brusher, Renfro, and Neal, 1972), 3) to investigate ovarian development of penaeids (Brusher, Renfro, and Neal, 1972), 4) to determine species composition of demersal fish, their relative abundance and seasonal distribution (Moore, Brusher, and Trent, 1970), and 5) to obtain a better understanding of hydrological conditions over the continental shelf in the area (Harrington, unpublished manuscript³).

METHODS

Sampling was conducted from January 1961 through December 1965. A 13.7-m (45-ft) Gulf shrimp trawl with 5.1-cm (2-inch) stretched mesh was used. Tow duration was usually 60 min. Only one tow was made each time a station was sampled. A total of 2,026 trawl tows were made in 113 cruises during the survey.

¹Contribution No. 376 from the Galveston Laboratory, Gulf Coastal Fisheries Center, National Marine Fisheries Service, Galveston, Texas.

²Galveston Laboratory, Gulf Coastal Fisheries Center, National Marine Fisheries Service, NOAA, Galveston, TX 77550.

³Harrington, D.L. Oceanographic observations on the northwest continental shelf of the Gulf of Mexico, 1963-65. Unpublished manuscript, 48 p., filed at the Galveston Laboratory, Galveston, Texas.

STATIONS

Sampling stations are shown in Figures 1 and 2 and described with respect to transect, depth, statistical area (used by the Division of Statistics, NMFS, for Gulf Coast Shrimp Data), latitude and longitude in Tables 1 and 2. Two of the station-identification systems (station number and station code) used during the survey are included for comparison of our data with those of other publications resulting from the survey. Table 1 describes stations used in 1961-62, and Table 2 describes those used in 1963-65 after the sampling scheme was modified. Changes made throughout the survey are shown in Figures 1 and 2 and Tables 1 through 4. Stations are shown in Table 3 by transect and depth for 1961-62 and for 1963-65. Table 3 can be used as an index to the arrangement of Table 4, because data in Table 4 are listed for each year in the order that Table 3 is read, with the exceptions of stations 55, 56, 57, 60, and 72. These five stations were sampled in the first part of 1963 as well as in 1961-62, so they appear in the 1963 section of Table 4. An explanation of abbreviations used in Table 4 is included at the end of the table.

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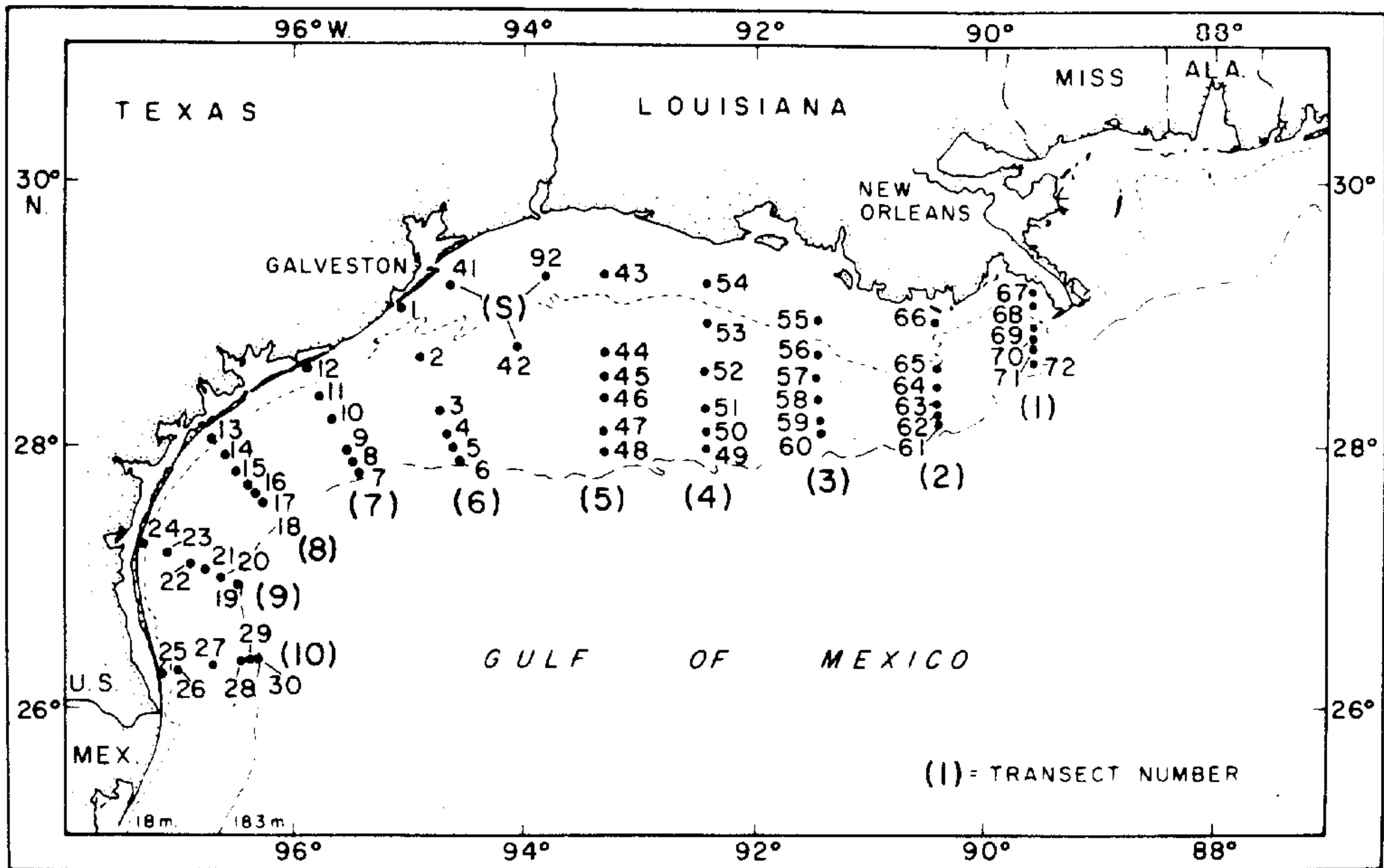


Figure 1.—Station and transect (numbers) pattern in the northwestern Gulf of Mexico, 1961-62.

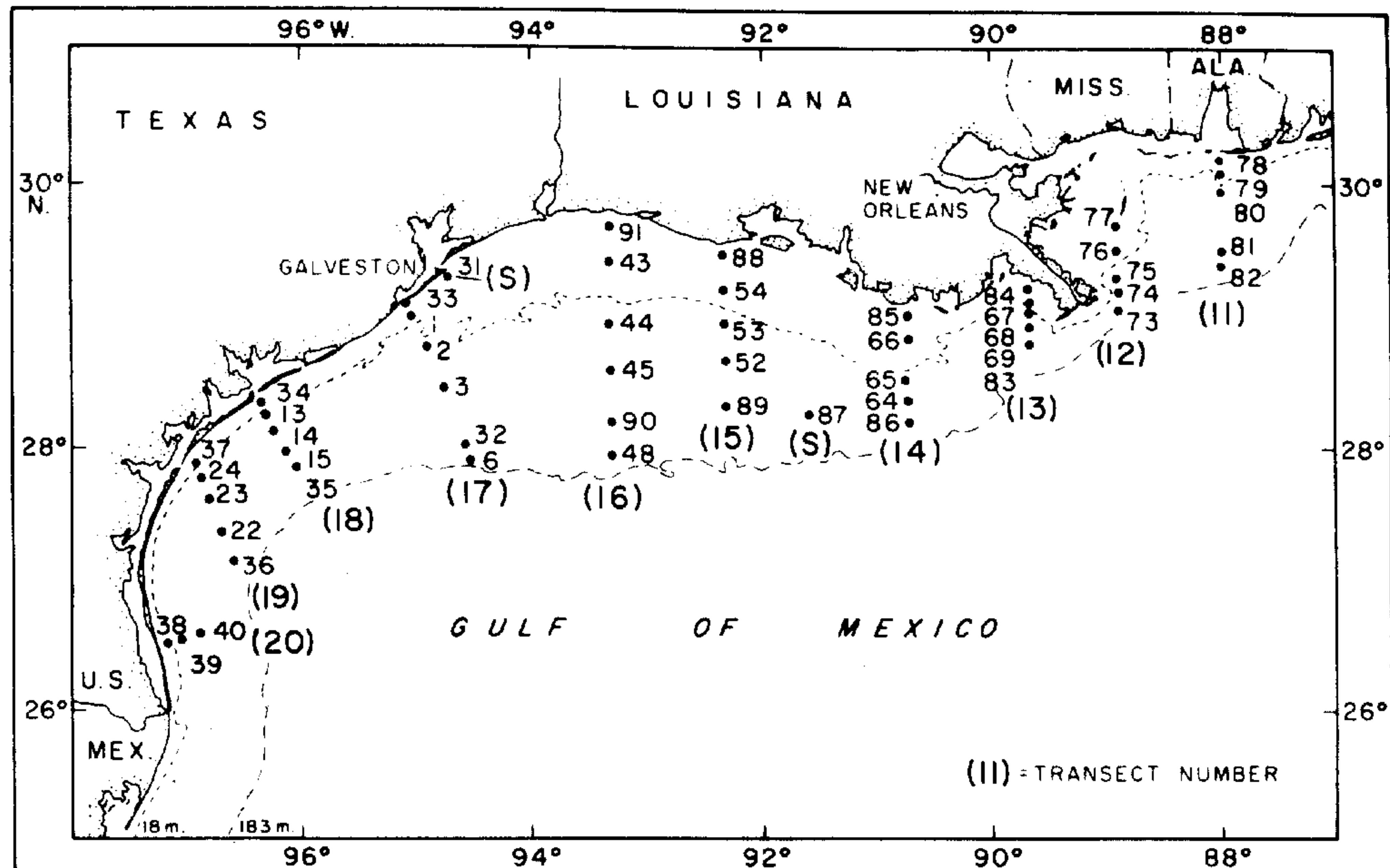


Figure 2.—Station and transect (numbers) pattern in the northwestern Gulf of Mexico, 1963-65.

Table 1.--Station number and code, depth, statistical area, transect number, and coordinates of trawling stations in the northwestern Gulf of Mexico, 1961-62.

Station number	Station code	Depth in fathoms	Station area	Transect number ^{1/}	Lat. N	Long. W
1	W-1	7.5	18	6	29°01'	95°05'
2	W-2	15	18	6	28°40'	94°56'
3	W-3	25	18	6	28°18'	94°46'
4	W-4	35	18	6	28°05'	94°41'
5	W-5	45	18	6	27°58'	94°38'
6	W-6	60	18	6	27°55'	94°36'
7	W-7	60	20	7	27°46'	95°30'
8	W-8	45	20	7	27°49'	95°32'
9	W-9	35	20	7	27°54'	95°35'
10	W-10	25	19	7	28°04'	95°40'
11	W-11	15	19	7	28°17'	95°46'
12	W-12	7.5	19	7	28°34'	95°55'
13	W-13	7.5	19	8	28°02'	96°46'
14	W-14	15	20	8	27°54'	96°37'
15	W-15	25	20	8	27°47'	96°30'
16	W-16	35	20	8	27°41'	96°23'
17	W-17	45	20	8	27°37'	96°20'
18	W-18	60	20	8	27°32'	96°14'
19	W-19	60	20	9	27°01'	96°32'
20	W-20	45	20	9	27°04'	96°42'
21	W-21	35	20	9	27°06'	96°48'
22	W-22	25	20	9	27°08'	96°56'
23	W-23	15	20	9	27°12'	97°08'

Table 1.--Continued.

Station number	Station code	Depth in fathoms	Station area	Transect number ^{1/}	Lat. N	Long. W
24	W-24	7.5	20	9	27°15'	97°19'
25	W-25	7.5	21	10	26°14'	97°08'
26	W-26	15	21	10	26°15'	97°00'
27	W-27	25	21	10	26°21'	96°41'
28	W-28	35	21	10	26°24'	96°31'
29	W-29	45	21	10	26°25'	96°26'
30	W-30	60	21	10	26°26'	96°21'
41	W-63	7.5	18	S	29°12'	94°45'
42	W-64	15	18	S	28°43'	94°03'
43	E-1	7.5	17	5	29°22'	93°20'
44	E-2	15	17	5	28°46'	93°20'
45	E-3	25	17	5	28°28'	93°20'
46	E-4	35	17	5	28°11'	93°20'
47	E-5	45	17	5	28°06'	93°20'
48	E-6	60	17	5	27°59'	93°20'
49	E-7	60	16	4	28°00'	92°30'
50	E-8	45	16	4	28°08'	92°30'
51	E-9	35	16	4	28°14'	92°30'
52	E-10	25	16	4	28°32'	92°30'
53	E-11	15	16	4	28°55'	92°30'
54	E-12	7.5	16	4	29°08'	92°30'
55	E-13	7.5	15	3	28°55'	91°30'
56	E-14	15	15	3	28°40'	91°30'
57	E-15	25	15	3	28°29'	91°30'

Table 1.--Continued.

Station number	Station code	Depth in fathoms	Station area	Transect number ^{1/}	Lat. N	Long. W
58	E-16	35	15	3	28°20'	91°30'
59	E-17	45	15	3	28°11'	91°30'
60	E-18	60	15	3	28°06'	91°30'
61	E-19	60	14	2	28°09'	90°30'
62	E-20	45	14	2	28°13'	90°30'
63	E-21	35	14	2	28°17'	90°30'
64	E-22	25	14	2	28°25'	90°30'
65	E-23	15	14	2	28°35'	90°30'
66	E-24	7.5	14	2	28°56'	90°30'
67	E-25	7.5	13	1	29°10'	89°42'
68	E-26	15	13	1	29°05'	89°42'
69	E-27	25	13	1	28°59'	89°42'
70	E-28	35	13	1	28°51'	89°42'
71	E-29	45	13	1	28°45'	89°42'
72	E-30	60	13	1	28°40'	89°42'
92	E-53	7.5	17	S	29°20'	93°52'

^{1/} S = Special station not on transect.

Table 2.--Station number and code, depth, statistical area, transect number and coordinates of trawling stations in the northwestern Gulf of Mexico, 1963-65.

Station number	Station code	Depth in fathoms	Station area	Transect number 1/	Lat. N	Long. W
1	W-1	7.5	18	17	29°01'	95°05'
2	W-2	15	18	17	28°40'	94°56'
3	W-3	25	18	17	28°18'	94°46'
6	W-6	60	18	17	27°55'	94°36'
13	W-13	7.5	19	18	28°19'	96°21'
14	W-14	15	20	18	27°19'	96°39'
15	W-15	25	20	18	27°57'	96°07'
22	W-22	25	20	19	27°21'	96°50'
23	W-23	15	20	19	27°15'	97°19'
24	W-24	7.5	20	19	27°48'	97°00'
31	W-53	4	18	S	29°19'	94°41'
32	W-54	40	18	17	28°00'	94°38'
33	W-55	4	18	17	29°03'	95°06'
34	W-56	4	19	18	28°23'	96°20'
35	W-57	40	20	18	27°46'	96°00'
36	W-58	40	20	19	27°06'	96°45'
37	W-59	4	20	19	27°51'	97°01'
38	W-60	4	21	20	26°34'	97°16'
39	W-61	12.5	21	20	26°36'	97°08'
40	W-62	25	21	20	26°41'	96°53'

Table 2.--Continued.

Station number	Station code	Depth in fathoms	Station area	Transect number ^{1/}	Lat. N	Long. W
79	E-38	7.5	11	11	30°09'	88°00'
80	E-39	15	11	11	29°58'	88°00'
81	E-40	25	11	11	29°30'	88°00'
82	E-41	40	11	11	29°25'	88°00'
83	E-43	40	13	13	28°48'	89°42'
84	E-44	4	13	13	29°15'	89°42'
85	E-45	4	14	14	29°00'	90°40'
86	E-46	40	14	14	28°14'	90°40'
87	E-47	40	15	S	28°15'	91°30'
88	E-49	4	16	15	29°27'	92°20'
89	E-50	40	16	15	28°10'	92°20'
90	E-51	40	17	16	28°09'	93°20'
91	E-52	4	17	16	29°42'	93°18'

^{1/} S = Special station not on transect.

Table 3.--Summary of station numbers by transect number and depth in the northwestern Gulf of Mexico, 1961-62 and 1963-65.

Year and depth in fathoms	Transect number											
	1	2	3	4	5	S ¹ /	6	7	8	9	10	
1961-62:												
7.5	67	66	55	54	43	41/92	1	12	13	24	25	
15	68	65	56	53	44	42	2	11	14	23	26	
25	69	64	57	52	45		3	10	15	22	27	
35	70	63	58	51	46		4	9	16	21	28	
45	71	62	59	50	47		5	8	17	20	29	
60	72	61	60	49	48		6	7	18	19	30	
1963-65:												
Year and depth in fathoms	Transect number											
	11	12	13	14	S ¹ /	15	16	S ¹ /	17	18	19	20
4	78	77	84	85		88	91	31	33	34	37	38
7.5	79	76	67	66		54	43		1	13	24	
12.5											39	
15	80	75	68	65		53	44		2	14	23	
25	81	74	69	64		52	45		3	15	22	40
40	82	73	83	86	87	89	90		32	35	36	
60						48		6				

1/ S = Special station not on transect.

Table 4.--Catches (numbers) of penaeid shrimp taken by trawling in the Northwestern Gulf of Mexico, 1961-65.

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START TOWED	MIN.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1961	10	0	52	7.5	15	1900	0060	1	0	0	0	0	0	0	0	0	0	0	0
1961	11	8	52	7.5	15	1810	0060	0	141	0	0	0	0	0	0	0	0	0	0
1961	12	6	52	7.5	15	1745	0060	0	10	0	0	0	0	0	0	0	0	0	0
1961	10	4	54	7.5	15	1410	0060	5	0	0	0	0	0	0	0	0	0	0	0
1961	11	7	54	7.5	15	1720	0060	0	89	0	0	0	0	0	0	0	0	0	0
1961	12	5	54	7.5	16	0545	0060	1	80	0	0	66	0	0	0	0	0	0	0
1961	1	19	43	7.5	17	0200	0060	0	100	0	0	20	0	0	0	0	0	0	0
1961	2	10	43	7.5	17	0515	0060	1	0	0	0	3	0	0	0	0	0	0	0
1961	3	2	43	7.5	17	2010	0060	4	0	0	0	2	0	0	0	0	0	0	0
1961	3	23	43	7.5	17	0504	0060	0	0	0	0	21	0	0	0	0	0	0	0
1961	4	19	43	7.5	17	1210	0060	2	8	0	0	0	0	0	0	0	0	0	0
1961	5	24	43	7.5	17	2245	0060	1	52	0	0	162	0	0	0	0	0	0	0
1961	5	15	43	7.5	17	2000	0060	20	100	0	0	25	0	0	0	0	0	0	0
1961	5	28	43	7.5	17	2000	0060	26	45	0	0	60	0	0	0	0	0	0	0
1961	7	20	43	7.5	17	2300	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	8	11	43	7.3	17	0835	0060	0	0	3	0	0	0	0	0	0	0	0	0
1961	8	31	43	7.5	17	0610	0060	4	8	0	0	0	0	0	0	0	0	0	0
1961	9	21	43	7.5	17	0015	0060	1	0	0	0	0	0	0	0	0	0	0	0
1961	10	12	43	7.5	17	0120	0060	40	10	0	0	0	0	0	0	0	0	0	0
1961	11	1	43	7.5	17	0005	0060	39	16	0	0	0	0	0	0	0	0	0	0
1961	12	17	43	7.5	17	0445	0058	1	0	0	0	0	0	0	0	0	0	0	0
1961	2	10	92	7.5	17	0925	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	3	2	92	7.5	17	2400	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	3	23	92	7.5	17	0900	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	4	19	92	7.5	17	1635	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	5	4	92	7.5	17	0350	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	5	25	92	7.5	17	0300	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	6	16	92	7.5	17	0025	0060	23	0	3	0	0	0	0	0	0	0	0	0
1961	6	29	92	7.5	17	2105	0060	14	13	0	0	0	0	0	0	0	0	0	0
1961	7	21	92	7.5	17	0450	0060	6	0	0	0	0	0	0	0	0	0	0	0
1961	8	11	92	7.5	17	1415	0060	2	0	0	0	0	0	0	0	0	0	0	0
1961	8	31	92	7.5	17	1005	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	9	22	92	7.5	17	0515	0060	3	3	0	0	0	0	0	0	0	0	0	0
1961	10	13	92	7.5	17	0515	0060	17	1	0	0	0	0	0	0	0	0	0	0
1961	10	31	92	7.5	17	1805	0060	18	2	27	0	0	0	0	0	0	0	0	0
1961	12	17	92	7.5	17	0620	0055	2	0	107	0	0	0	0	0	0	0	0	0
1961	1	16	41	7.5	18	0840	0060	0	107	0	0	0	0	0	0	0	0	0	0
1961	2	8	41	7.5	18	0820	0060	1	100	0	0	0	0	0	0	0	0	0	0
1961	2	28	41	7.5	18	1345	0060	0	36	0	0	0	0	0	0	0	0	0	0
1961	3	21	41	7.5	18	0805	0060	2	28	0	0	0	0	0	0	0	0	0	0
1961	4	13	41	7.5	18	0825	0060	0	8	0	0	0	0	0	0	0	0	0	0
1961	5	1	41	7.5	18	1040	0060	0	24	0	0	0	0	0	0	0	0	0	0
1961	5	22	41	7.5	18	1335	0060	13	100	0	0	0	0	0	0	0	0	0	0
1961	6	12	41	7.5	18	1270	0060	100	29	0	0	0	0	0	0	0	0	0	0
1961	6	26	41	7.5	18	1270	0060	127	18	0	0	0	0	0	0	0	0	0	0
1961	7	17	41	7.5	18	1245	0060	100	19	0	0	0	0	0	0	0	0	0	0
1961	8	8	41	7.5	18	1220	0060	136	4	0	0	0	0	0	0	0	0	0	0
1961	8	28	41	7.5	18	1205	0060	206	28	0	0	0	0	0	0	0	0	0	0
1961	9	19	41	7.5	18	1235	0060	9	165	0	0	0	0	0	0	0	0	0	0
1961	10	8	41	7.5	18	1220													

VEGAS & DAY STATION REPORTS STATE COST MILE CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW
AREA START TOWED P.A. P.S. P.D. T.C. S.B. S.D. S.S. S.V. S.A. X.K. P.L.

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TOWED	CATCH [NUMBER] OF SHRIMP [BY SPECIES] PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1961	4	18	42	15.0	18	1210	0060	11	0	0	0	0	0	0	0	0	0	0	0
1961	5	3	42	15.0	18	1245	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	5	24	42	15.0	18	1005	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	6	14	42	15.0	18	1005	0060	1	0	0	0	0	0	0	0	0	0	0	0
1961	6	28	42	15.0	18	0830	0060	10	0	0	0	0	0	0	0	0	0	0	0
1961	7	20	42	15.0	18	1000	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	8	10	42	15.0	18	1930	0060	389	0	0	0	0	0	0	0	0	0	0	0
1961	8	30	42	15.0	18	1905	0060	108	0	0	0	0	0	0	0	0	0	0	0
1961	9	21	42	15.0	18	0810	0060	32	0	0	0	0	0	0	0	0	0	0	0
1961	10	12	42	15.0	18	1050	0060	8	0	0	0	0	0	0	0	0	0	0	0
1961	11	1	42	15.0	18	1140	0060	23	0	0	0	0	0	0	0	0	0	0	0
1961	11	21	42	15.0	18	2050	0060	6	0	0	0	0	0	0	0	0	0	0	0
1961	12	16	42	15.0	18	1935	0060	6	0	0	0	0	0	0	0	0	0	0	0
1961	1	17	2	15.0	18	1600	0060	11	0	0	0	0	0	0	0	0	0	0	0
1961	2	8	2	15.0	18	1619	0060	4	0	0	0	0	0	0	0	0	0	0	0
1961	2	28	2	15.0	18	2105	0060	120	0	0	0	0	0	0	0	0	0	0	0
1961	3	21	2	15.0	18	1545	0060	19	0	0	0	0	0	0	0	0	0	0	0
1961	4	13	2	15.0	18	1545	0060	17	0	0	0	0	0	0	0	0	0	0	0
1961	5	1	2	15.0	18	2220	0060	73	0	0	0	0	0	0	0	0	0	0	0
1961	5	22	2	15.0	18	2330	0060	100	0	0	0	0	0	0	0	0	0	0	0
1961	6	12	2	15.0	18	2145	0060	101	0	0	0	0	0	0	0	0	0	0	0
1961	6	26	2	15.0	18	2155	0060	110	0	0	0	0	0	0	0	0	0	0	0
1961	7	17	2	15.0	18	2200	0060	478	0	0	0	0	0	0	0	0	0	0	0
1961	8	8	2	15.0	18	2310	0060	344	0	0	0	0	0	0	0	0	0	0	0
1961	8	28	2	15.0	18	2050	0065	151	0	0	0	0	0	0	0	0	0	0	0
1961	9	19	2	15.0	18	2130	0060	150	0	0	0	0	0	0	0	0	0	0	0
1961	10	11	2	15.0	18	0300	0060	144	0	0	0	0	0	0	0	0	0	0	0
1961	11	17	2	15.0	18	1850	0060	133	0	0	0	0	0	0	0	0	0	0	0
1961	12	15	2	15.0	18	2010	0060	215	0	0	0	0	0	0	0	0	0	0	0
1961	10	17	11	15.0	19	1825	0060	232	0	0	0	0	0	0	0	0	0	0	0
1961	11	16	11	15.0	19	2355	0065	203	0	0	0	0	0	0	0	0	0	0	0
1961	12	19	11	15.0	19	0155	0060	141	0	0	0	0	0	0	0	0	0	0	0
1961	10	19	14	15.0	20	0430	0060	48	0	0	0	0	0	0	0	0	0	0	0
1961	11	17	14	15.0	20	1015	0060	16	0	299	0	0	0	0	0	0	0	0	0
1961	12	19	14	13.0	20	1640	0060	2	0	56	0	0	0	0	0	0	0	0	0
1961	10	6	57	25.0	15	0345	0060	10	0	0	0	0	0	0	0	0	0	0	0
1961	11	8	57	25.0	15	2315	0060	96	0	0	0	0	0	0	0	0	0	0	0
1961	12	6	57	25.0	15	1210	0060	24	0	0	0	0	0	0	0	0	0	0	0
1961	10	4	52	25.0	16	2345	0060	85	0	0	0	0	0	0	0	0	0	0	0
1961	11	10	52	25.0	16	0145	0060	65	0	0	0	0	0	0	0	0	0	0	0
1961	12	5	52	25.0	16	1405	0060	31	0	0	0	0	0	0	0	0	0	0	0
1961	1	18	45	25.0	17	1330	0060	6	0	0	0	0	0	0	0	0	0	0	0
1961	2	9	45	25.0	17	1315	0060	1	0	0	0	0	0	0	0	0	0	0	0
1961	3	2	45	25.0	17	0040	0060	3	0	0	0	0	0	0	0	0	0	0	0
1961	3	22	45	25.0	17	1312	0060	5	0	0	0	0	0	0	0	0	0	0	0
1961	4	19	45	25.0	17	0105	0060	45	0	0	0	0	0	0	0	0	0	0	0
1961	5	3	45	25.0	17	0645	0060	0	0	0	0	0	0	0	0	0	0	0	0
1961	5	24	45	25.0	17	0400	0060	69	0	0	0	0	0	0	0	0	0	0	0
1961	6	14	45	25.0	17	0330	0060	92	0	0	0	0	0	0	0	0	0	0	0
1961	6	27	45	25.0	17	0325	0060	104											

YEAR MONTH DAY	NUMBER FATHOMS	STATION DEPTHS, STAT.	CST MIN.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW						
				P.A.	P.S.	P.D.	T.C.	S.B.	S.S.	S.V.

1961	7	19	40	25.0	17	0150	0060	30	0	0	14	0	0	0	0
1961	8	20	40	25.0	17	1255	0060	34	0	0	45	0	0	0	0
1961	9	30	40	25.0	17	0010	0060	232	0	0	313	0	0	0	0
1961	10	21	40	25.0	17	0120	0060	210	0	0	147	0	0	0	0
1961	11	12	40	25.0	17	0327	0060	327	0	0	122	0	0	0	0
1961	12	11	40	25.0	17	1855	0060	86	0	0	67	0	0	0	0
1961	13	16	40	25.0	17	1625	0075	71	0	0	9	0	0	0	0
1961	14	17	3	25.0	18	1930	0060	78	0	0	3600	0	0	0	0
1961	15	8	3	25.0	18	1923	0060	94	0	0	46	0	0	0	0
1961	16	2	3	25.0	18	0620	0060	42	0	0	134	0	0	0	0
1961	17	21	3	25.0	18	1925	0060	134	0	0	266	0	0	0	0
1961	18	13	3	25.0	18	1945	0060	100	0	0	50	0	0	0	0
1961	19	2	3	25.0	18	0510	0060	9	0	0	8	0	0	0	0
1961	20	3	3	25.0	18	0840	0060	11	0	0	6	0	0	0	0
1961	21	3	3	25.0	18	0505	0060	9	0	0	29	0	0	0	0
1961	22	5	3	25.0	18	1005	0060	5	0	0	26	0	0	0	0
1961	23	5	3	25.0	18	0240	0060	50	0	0	325	0	0	0	0
1961	24	2	3	25.0	18	0300	0060	3	0	0	55	0	0	0	0
1961	25	5	3	25.0	18	0130	0060	16	0	0	378	0	0	0	0
1961	26	6	3	25.0	18	0230	0060	111	0	0	4	0	0	0	0
1961	27	6	3	25.0	18	0710	0060	21	0	0	242	0	0	0	0
1961	28	8	3	25.0	18	2240	0060	364	0	0	17	0	0	0	0
1961	29	8	3	25.0	18	0100	0060	245	0	0	498	0	0	0	0
1961	30	9	3	25.0	18	2230	0060	320	0	0	30	0	0	0	0
1961	31	11	3	25.0	18	0425	0060	250	0	0	16	0	0	0	0
1961	32	17	3	25.0	18	0130	0060	133	0	0	12	0	0	0	0
1961	33	16	3	25.0	18	1300	0060	93	0	0	8	0	0	0	0
1961	34	17	10	25.0	19	1130	0060	82	0	0	750	0	0	0	0
1961	35	19	10	25.0	19	0125	0060	129	0	0	17	0	0	0	0
1961	36	19	15	25.0	20	0135	0060	68	0	0	1	0	0	0	0
1961	37	17	15	25.0	20	0940	0060	49	0	0	4	0	0	0	0
1961	38	20	15	25.0	20	0435	0060	1	0	0	4	0	0	0	0
1961	39	6	58	35.0	15	2147	0058	40	0	0	50	0	0	0	0
1961	40	9	58	35.0	15	1730	0060	74	0	0	150	0	0	0	0
1961	41	12	6	58	15	0205	0060	58	0	0	382	0	0	0	0
1961	42	9	51	35.0	16	0545	0060	250	0	0	65	0	0	0	0
1961	43	11	9	51	16	0415	0060	450	0	0	182	0	0	0	0
1961	44	12	5	31	16	2200	0060	198	0	0	1500	0	0	0	0
1961	45	18	9	35.0	20	1610	0065	29	0	0	8	0	0	0	0
1961	46	16	9	35.0	20	1405	0060	68	0	0	0	0	0	0	0
1961	47	21	9	35.0	20	2205	0060	62	0	0	0	0	0	0	0
1961	48	18	16	35.0	20	0845	0060	5	0	0	0	0	0	0	0
1961	49	17	16	35.0	20	0700	0060	19	0	0	0	0	0	0	0
1961	50	20	16	35.0	20	0750	0060	0	0	0	0	0	0	0	0
1961	51	9	39	45.0	15	2025	0060	47	0	0	0	0	0	0	0
1961	52	6	59	45.0	15	2020	0060	48	0	0	0	0	0	0	0
1961	53	5	50	45.0	16	1000	0060	21	0	0	0	0	0	0	0
1961	54	9	50	45.0	16	0858	0060	20	0	0	0	0	0	0	0
1961	55	5	50	45.0	17	0800	0060	4	0	0	0	0	0	0	0
1961	56	18	47	45.0	17	2020	0060	45	0	0	11	0	0	0	0
1961	57	9	47	45.0	17	0858	0060	0	0	0	0	0	0	0	0
1961	58	22	47	45.0	17	0800	0060	0	0	0	0	0	0	0	0
1961	59	18	47	45.0	17	2020	0060	0	0	0	39	0	0	0	0

STATION DEPTHS, STAT.				CST MIN.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
YEAR	MONTH	DAY	NUMBER FATHOMS	AREA	START TOWED	P.A.	P.S.	P.D.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.R.	P.L.

YEAR MONTH DAY STATION DEPTH, STAT. CST MIN.
NUMBER FATHMS AREA START TOWED P.A. P.S. P.D. T.S. T.C. S.B. S.D. S.S. S.V. S.A. X.K. P.L.

YEAR	MONTH	DAY	STATION	DEPTH, NUMBER FATHMS	STAT. AREA	CST START	MIN. TOWED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1962	10	16	1	7.5	18	1915	0060	237	2	0	0	0	0	0	0	0	0	0	0
1962	11	14	1	7.5	18	1845	0060	71	158	0	0	0	0	0	0	0	0	0	0
1962	12	4	1	7.5	18	1700	0060	4	90	1	0	0	0	0	0	0	0	0	0
1962	1	28	12	7.5	19	1405	0060	0	16	0	0	0	0	0	0	0	0	0	0
1962	3	23	12	7.5	19	1240	0060	1	140	0	0	0	0	0	0	0	0	0	0
1962	4	20	12	7.5	19	1615	0060	0	21	2	2	0	0	0	0	0	0	0	0
1962	5	21	12	7.5	19	0300	0060	2	9	71	0	0	0	0	0	0	0	0	0
1962	6	20	12	7.5	19	1400	0060	7	1	0	0	0	0	0	0	0	0	0	
1962	7	21	12	7.5	19	1540	0060	10	0	0	0	0	0	0	0	0	0	0	
1962	8	11	12	7.5	19	1740	0060	12	0	0	0	0	0	0	0	0	0	0	
1962	9	9	12	7.5	19	1715	0060	341	29	0	0	0	0	0	0	0	0	0	
1962	10	18	12	7.5	19	1450	0060	2	0	0	0	0	0	0	0	0	0	0	
1962	11	16	12	7.5	19	1435	0060	4	31	0	0	0	0	0	0	0	0	0	
1962	1	26	13	7.5	19	1955	0015	0	78	1	0	0	0	0	0	0	0	0	
1962	2	26	13	7.5	19	1315	0060	0	111	2	0	0	0	0	0	0	0	0	
1962	3	23	13	7.5	19	1900	0060	0	14	24	0	0	0	0	0	0	0	0	
1962	4	20	13	7.5	19	2345	0060	0	16	74	0	0	0	0	0	0	0	0	
1962	5	21	13	7.5	19	1125	0060	10	48	36	0	0	0	0	0	0	0	0	
1962	6	21	13	7.5	19	1140	0060	0	0	0	0	0	0	0	0	0	0	0	
1962	7	21	13	7.5	19	0030	0060	85	1	4	0	0	0	0	0	0	0	0	
1962	8	12	13	7.5	19	0215	0060	240	0	0	0	0	0	0	0	0	0	0	
1962	9	10	13	7.5	19	0405	0060	54	1	0	0	0	0	0	0	0	0	0	
1962	10	18	13	7.5	19	2205	0060	375	0	71	0	0	0	0	0	0	0	0	
1962	11	17	13	7.5	19	0015	0060	75	38	17	0	0	0	0	0	0	0	0	
1962	12	6	13	7.5	19	1310	0060	24	12	13	0	0	0	0	0	0	0	0	
1962	1	26	24	7.5	20	1145	0060	0	65	2	0	0	0	0	0	0	0	0	
1962	2	26	24	7.5	20	0415	0060	0	75	0	0	0	0	0	0	0	0	0	
1962	3	27	24	7.5	20	1435	0060	0	23	24	0	0	0	0	0	0	0	0	
1962	4	24	24	7.5	20	0625	0060	0	79	0	0	0	0	0	0	0	0	0	
1962	5	22	24	7.5	20	2050	0060	6	9	15	0	0	0	0	0	0	0	0	
1962	6	22	24	7.5	20	2200	0060	10	31	0	0	0	0	0	0	0	0	0	
1962	7	22	24	7.5	20	1320	0060	0	0	0	0	0	0	0	0	0	0	0	
1962	8	13	24	7.5	20	2115	0060	3	0	4	0	0	0	0	0	0	0	0	
1962	10	20	24	7.5	20	1100	0060	1	0	0	0	0	0	0	0	0	0	0	
1962	11	17	24	7.5	20	0715	0060	592	22	40	0	0	0	0	0	0	0	0	
1962	12	7	24	7.5	20	2100	0060	160	100	20	1	0	0	0	0	0	0	0	
1962	1	21	25	7.5	21	1145	0060	0	4	1	0	0	0	0	0	0	0	0	
1962	2	24	25	7.5	21	1040	0060	0	16	2	0	0	0	0	0	0	0	0	
1962	3	27	25	7.5	21	0630	0060	0	4	0	0	0	0	0	0	0	0	0	
1962	4	25	25	7.5	21	2045	0060	12	18	5	0	0	0	0	0	0	0	0	
1962	5	23	25	7.5	21	0910	0060	1	0	0	0	0	0	0	0	0	0	0	
1962	7	22	25	7.5	21	1930	0060	0	0	7	0	0	0	0	0	0	0	0	
1962	8	14	25	7.5	21	0630	0060	1	0	27	1	0	0	0	0	0	0	0	
1962	9	12	25	7.5	21	0100	0060	12	0	1	0	0	0	0	0	0	0	0	
1962	10	20	25	7.5	21	2340	0060	258	19	1	0	0	0	0	0	0	0	0	
1962	11	17	25	7.5	21	1100	0060	0	4	47	0	0	0	0	0	0	0	0	
1962	12	9	25	7.5	21	1240	0060	1	39	26	1	0	0	0	0	0	0	0	
1962	1	26	58	15.0	13	1950	0060	0	33	2	0	0	0	0	0	0	0	0	
1962	2	25	58	15.0	13	0930	0060	0	0	0	0	0	0	0	0	0	0	0	
1962	3	25	58	15.0	13	0245	0060	0	0	0	0	0	0	0	0	0	0	0	

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TOWED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1962	4	23	50	15.0	13	1405	0060	0	18	0	3	0	0	0	0	0	0	0	0
1962	5	22	50	15.0	13	1345	0060	0	9	0	3	0	0	0	0	0	0	0	0
1962	6	30	50	15.0	13	0100	0060	99	11	0	58	0	0	0	0	0	0	0	0
1962	7	30	50	15.0	13	2200	0060	150	0	4	11	0	0	0	0	0	0	0	0
1962	8	22	50	15.0	13	1020	0060	49	0	0	0	0	0	0	0	0	0	0	0
1962	9	20	50	15.0	13	1330	0060	18	0	0	0	0	0	0	0	0	0	0	0
1962	10	4	50	15.0	13	0055	0060	185	42	0	0	0	0	0	0	0	0	0	0
1962	12	18	50	15.0	13	1600	0060	112	1	0	0	0	0	0	0	0	0	0	0
1962	1	30	50	15.0	14	1310	0060	18	0	0	0	0	0	0	0	0	0	0	0
1962	2	26	50	15.0	14	1230	0060	0	0	0	0	0	0	0	0	0	0	0	0
1962	3	23	50	15.0	14	1730	0060	2	0	0	0	0	0	0	0	0	0	0	0
1962	4	22	50	15.0	14	2315	0060	1	0	0	0	0	0	0	0	0	0	0	0
1962	5	22	50	15.0	14	0135	0060	0	0	0	0	0	0	0	0	0	0	0	0
1962	6	29	50	15.0	14	0820	0060	42	0	0	0	0	0	0	0	0	0	0	0
1962	7	29	50	15.0	14	2200	0060	175	0	0	0	0	0	0	0	0	0	0	0
1962	8	21	50	15.0	14	1400	0060	0	0	0	0	0	0	0	0	0	0	0	0
1962	9	22	50	15.0	14	0100	0060	94	0	0	0	0	0	0	0	0	0	0	0
1962	10	3	50	15.0	14	0615	0060	15	0	0	0	0	0	0	0	0	0	0	0
1962	12	17	50	15.0	14	2230	0060	13	0	0	0	0	0	0	0	0	0	0	0
1962	1	25	50	15.0	15	2115	0060	66	0	0	0	0	0	0	0	0	0	0	0
1962	2	23	50	15.0	15	2415	0060	35	0	0	0	0	0	0	0	0	0	0	0
1962	3	26	50	15.0	15	2140	0060	2	0	0	0	0	0	0	0	0	0	0	0
1962	4	21	50	15.0	15	1000	0060	0	0	0	0	0	0	0	0	0	0	0	0
1962	5	20	50	15.0	15	1410	0060	1	0	0	0	0	0	0	0	0	0	0	0
1962	6	27	50	15.0	15	2310	0060	416	0	0	0	0	0	0	0	0	0	0	0
1962	7	28	50	15.0	15	1300	0060	4	0	0	0	0	0	0	0	0	0	0	0
1962	8	19	50	15.0	15	2200	0060	180	0	0	0	0	0	0	0	0	0	0	0
1962	9	23	50	15.0	15	1105	0060	2	0	0	0	0	0	0	0	0	0	0	0
1962	10	29	50	15.0	15	0055	0060	70	0	0	0	0	0	0	0	0	0	0	0
1962	12	1	50	15.0	15	2300	0060	158	0	0	0	0	0	0	0	0	0	0	0
1962	12	16	50	15.0	15	1307	0060	25	0	0	0	0	0	0	0	0	0	0	0
1962	1	24	50	15.0	16	1550	0060	40	0	0	0	0	0	0	0	0	0	0	0
1962	2	20	50	15.0	16	0620	0060	19	0	0	0	0	0	0	0	0	0	0	0
1962	3	22	50	15.0	16	2045	0060	48	0	0	0	0	0	0	0	0	0	0	0
1962	4	20	50	15.0	16	1710	0060	0	0	0	0	0	0	0	0	0	0	0	0
1962	5	19	50	15.0	16	2315	0060	28	0	0	0	0	0	0	0	0	0	0	0
1962	6	27	50	15.0	16	1525	0060	11	0	0	0	0	0	0	0	0	0	0	0
1962	7	28	50	15.0	16	0220	0060	183	0	0	0	0	0	0	0	0	0	0	0
1962	8	19	50	15.0	16	1225	0060	7	0	0	0	0	0	0	0	0	0	0	0
1962	9	23	50	15.0	16	1730	0060	83	0	0	0	0	0	0	0	0	0	0	0
1962	10	28	50	15.0	16	1645	0060	108	0	0	0	0	0	0	0	0	0	0	0
1962	1	20	44	15.0	17	0135	0060	5	0	0	0	0	0	0	0	0	0	0	0
1962	2	18	44	15.0	17	1420	0060	2	0	0	0	0	0	0	0	0	0	0	0
1962	3	21	44	15.0	17	0600	0060	7	0	0	0	0	0	0	0	0	0	0	0
1962	4	19	44	15.0	17	0240	0060	7	0	0	0	0	0	0	0	0	0	0	0
1962	5	18	44	15.0	17	1245	0060	0	0	0	0	0	0	0	0	0	0	0	0
1962	6	26	44	15.0	17	0350	0060	61	0	0	0	0	0	0	0	0	0	0	0
1962	7	26	44	15.0	17	0235	0060	1	0	0	0	0	0	0	0	0	0	0	0
1962	8	17	44	15.0	17	1945	0060	140	0	0	0	0	0	0	0	0	0	0	0
1962	10	27	44	15.0	17	2405													

YEAR MONTH DAY STATION DEPTH, STAT. CST MIN. CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW
NUMBER FATHOMS AREA START TOWED P.A. P.S. P.D. T.S. T.C. S.B. S.D. S.S. S.V. S.A. X.K. P.L.

YEAR	MONTH	DAY	STATION	DEPTH, NUMBER FATHOMS	STAT. AREA	CST START TOWED	MIN.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW													
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.		
1962	11	29	44	15.0	17	0830	0060	0	0	0	0	0	0	3	0	0	0	0	0		
1962	12	14	44	15.0	17	2000	0060	1	0	9	0	0	440	0	0	0	0	0	0		
1962	1	3	2	15.0	18	1805	0060	0	152	0	26	0	0	0	0	0	0	0	0		
1962	1	29	2	15.0	18	2030	0060	83	9	34	0	117	41	9	0	0	0	0	0		
1962	2	17	2	15.0	18	2225	0060	90	0	1	95	0	11	1	0	0	0	0	0		
1962	3	21	2	15.0	18	1240	0060	3	0	0	0	0	0	0	0	0	0	0	0		
1962	4	18	2	15.0	18	2145	0060	85	0	3	101	0	0	46	1	0	0	0	0	0	
1962	5	19	2	15.0	18	1300	0060	2	0	0	0	0	0	11	0	0	0	0	0	0	
1962	6	18	2	15.0	18	2030	0060	158	0	0	500	0	0	95	500	0	0	0	0	0	
1962	7	18	2	15.0	18	2150	0060	304	0	0	111	0	0	25	77	0	0	0	0	0	
1962	8	10	2	15.0	18	0010	0060	250	0	0	350	0	0	13	1200	0	0	0	0	0	
1962	9	7	2	15.0	18	1850	0060	32	0	2	1	0	0	0	22	0	0	0	0	0	
1962	10	16	2	15.0	18	2355	0060	75	0	0	0	0	0	0	109	0	0	0	0	0	
1962	11	14	2	15.0	18	2325	0060	42	0	2	0	0	0	7	3	0	0	0	0	0	
1962	12	4	2	15.0	18	2035	0060	30	0	4	0	0	0	30	3	0	0	0	0	0	
1962	1	28	11	15.0	19	1110	0060	0	45	0	1	0	0	0	0	0	0	0	0	0	
1962	3	23	11	15.0	19	0935	0060	76	13	1	162	0	0	0	2	0	0	0	0	0	0
1962	4	20	11	15.0	19	1115	0060	2	1	0	0	0	0	0	0	0	0	0	0	0	
1962	5	20	11	15.0	19	2350	0060	16	1	36	472	0	0	0	19	0	0	0	0	0	0
1962	6	20	11	15.0	19	1000	0060	21	0	0	0	0	0	0	113	0	0	0	0	0	0
1962	7	21	11	15.0	19	1140	0060	14	0	0	0	0	0	0	230	0	0	0	0	0	0
1962	8	11	11	15.0	19	1430	0060	36	0	0	0	0	0	0	750	0	0	0	0	0	0
1962	9	9	11	15.0	19	1325	0060	270	0	8	0	0	0	0	260	0	0	0	0	0	0
1962	10	18	11	15.0	19	1125	0060	20	0	0	0	0	0	0	27	0	0	0	0	0	0
1962	11	16	11	15.0	19	1040	0060	145	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	12	11	11	15.0	19	1420	0060	0	42	0	0	0	0	0	0	0	0	0	0	0	0
1962	1	27	14	15.0	20	1025	0060	0	0	42	0	0	0	0	0	0	0	0	0	0	0
1962	2	26	14	15.0	20	1610	0060	28	4	0	0	0	0	0	36	0	0	0	0	0	0
1962	3	23	14	15.0	20	2200	0060	7	15	0	0	0	0	0	125	0	0	0	0	0	0
1962	4	26	14	15.0	20	2150	0060	7	8	0	0	0	0	0	37	0	0	0	0	0	0
1962	6	21	14	15.0	20	1430	0060	54	0	0	0	0	0	0	2	0	0	0	0	31	0
1962	7	21	14	15.0	20	0340	0060	977	0	0	0	0	0	0	146	0	0	0	0	0	1890
1962	8	12	14	15.0	20	0445	0060	1000	0	0	0	0	0	0	150	0	0	0	0	0	1500
1962	9	10	14	15.0	20	0650	0060	122	0	0	0	0	0	0	2	0	0	0	0	0	250
1962	10	19	14	15.0	20	0115	0060	79	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	11	22	14	15.0	20	1900	0060	254	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	12	6	14	15.0	20	1610	0060	73	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	1	26	23	15.0	20	0930	0060	0	47	0	0	0	0	0	49	0	0	0	0	0	0
1962	2	26	23	15.0	20	0115	0060	4	8	0	0	0	0	0	76	0	0	0	0	0	0
1962	3	27	23	15.0	20	1700	0060	10	26	0	0	0	0	0	2	0	0	0	0	0	0
1962	4	24	23	15.0	20	0930	0060	12	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	6	22	23	15.0	20	1845	0060	387	0	0	0	0	0	0	0	0	0	0	0	0	10
1962	7	22	23	15.0	20	1030	0060	298	0	0	0	0	0	0	0	0	0	0	0	0	163
1962	8	13	23	15.0	20	1730	0060	150	1	0	0	0	0	0	9	0	0	0	0	0	650
1962	9	11	23	15.0	20	1415	0060	70	0	0	0	0	0	0	0	0	0	0	0	0	160
1962	10	20	23	15.0	20</td																

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TOWED	CATCH [NUMBER] OF SHRIMP [BY SPECIES] PER TOW												
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.	
1962	3	27	26	15.0	21	0405	0060	47	10	4	25	0	17	3	0	0	0	0	0	0
1962	4	29	26	15.0	21	2400	0060	23	5	0	1	0	1	0	0	0	0	0	0	0
1962	6	23	26	15.0	21	1020	0060	263	0	0	0	0	4	29	0	0	0	0	0	0
1962	7	22	26	15.0	21	2155	0060	1692	0	0	0	28	0	43	762	0	0	0	0	0
1962	8	14	26	15.0	21	0850	0060	27	0	0	1	0	8	35	0	0	0	0	0	0
1962	9	12	26	15.0	21	0340	0060	264	0	0	54	0	8	38	0	0	0	0	0	0
1962	10	22	26	15.0	21	1220	0060	56	1	0	0	0	5	1	0	0	0	0	0	0
1962	11	21	26	15.0	21	1315	0060	129	0	1	0	0	26	0	0	0	0	0	0	0
1962	12	9	26	15.0	21	1530	0060	175	0	0	0	0	7	0	0	0	0	0	0	0
1962	1	26	59	25.0	13	2240	0060	42	7	0	0	6	0	0	0	0	0	0	0	0
1962	2	25	59	25.0	13	1155	0060	31	13	0	0	7	0	0	0	0	0	0	0	0
1962	3	24	59	25.0	13	2340	0060	64	7	0	0	24	0	0	0	0	0	0	0	0
1962	4	23	59	25.0	13	1725	0060	78	7	0	0	11	0	0	0	0	0	0	0	0
1962	5	22	59	25.0	13	1600	0060	5	0	0	0	23	0	0	0	0	0	0	0	0
1962	6	29	59	25.0	13	2140	0060	29	0	0	0	91	0	0	0	0	0	0	0	0
1962	7	30	59	25.0	13	1940	0060	85	0	0	0	55	0	0	0	0	0	0	0	0
1962	8	22	59	25.0	13	0520	0060	338	0	0	0	35	0	0	0	0	0	0	0	0
1962	9	20	59	25.0	13	1545	0060	33	0	0	0	15	0	0	0	0	0	0	0	0
1962	10	3	69	25.0	13	2210	0060	103	0	0	0	4	0	0	0	0	0	0	0	0
1962	11	18	49	25.0	13	1400	0055	23	0	0	0	0	0	0	0	0	0	0	0	0
1962	12	30	54	25.0	14	1000	0060	50	0	0	0	0	0	0	0	0	0	0	0	0
1962	1	26	54	25.0	14	1020	0060	26	0	0	0	0	0	0	0	0	0	0	0	0
1962	2	23	54	25.0	14	2000	0060	157	0	0	0	3	0	0	0	0	0	0	0	0
1962	3	22	64	25.0	14	1935	0060	175	0	0	0	7	0	0	0	0	0	0	0	0
1962	4	21	54	25.0	14	2225	0060	76	0	0	0	1	0	0	0	0	0	0	0	0
1962	5	29	54	25.0	14	0550	0060	35	0	0	0	6	0	0	0	0	0	0	0	0
1962	6	29	54	25.0	14	1850	0060	76	0	0	0	150	0	0	0	0	0	0	0	0
1962	7	21	54	25.0	14	1055	0060	8	0	0	0	0	0	0	0	0	0	0	0	0
1962	8	22	54	25.0	14	0430	0060	13	0	0	0	0	0	0	0	0	0	0	0	0
1962	9	30	54	25.0	14	0820	0060	8	0	0	0	0	0	0	0	0	0	0	0	0
1962	10	17	54	25.0	14	0205	0025	74	0	0	0	1	0	0	0	0	0	0	0	0
1962	11	12	57	25.0	14	1930	0060	63	0	0	0	0	0	0	0	0	0	0	0	0
1962	12	25	57	25.0	15	1830	0060	163	0	0	0	43	0	0	0	0	0	0	0	0
1962	1	23	57	25.0	15	0515	0060	144	0	0	0	10	0	0	0	0	0	0	0	0
1962	2	27	57	25.0	15	0025	0060	161	0	0	0	80	0	0	0	0	0	0	0	0
1962	3	21	57	25.0	15	1315	0060	83	0	0	0	2	0	0	0	0	0	0	0	0
1962	4	20	57	25.0	15	1645	0060	19	0	0	0	0	0	0	0	0	0	0	0	0
1962	5	28	57	25.0	15	0200	0060	54	0	0	0	372	0	0	0	0	0	0	0	0
1962	6	28	57	25.0	15	1540	0060	21	0	0	0	0	0	0	0	0	0	0	0	0
1962	7	20	57	25.0	15	0055	0060	208	0	0	0	25	0	0	0	0	0	0	0	0
1962	8	23	57	25.0	15	0745	0060	16	0	0	0	0	0	0	0	0	0	0	0	0
1962	9	29	57	25.0	15	0340	0060	161	0	0	0	0	0	0	0	0	0	0	0	0
1962	10	2	57	25.0	15	0200	0060	166	0	0	0	0	0	0	0	0	0	0	0	0
1962	11	16	57	25.0	15	1630	0060	104	0	0	0	0	0	0	0	0	0	0	0	0
1962	12	24	52	25.0	16	2015	0060	109	0	0	0	0	0	0	0	0	0	0	0	0
1962	1	19	52	25.0	16	2340	0060	91	0	0	0	0	0	0	0	0	0	0	0	0
1962	2	22	52	25.0	16	1620	0060	13	0	0	0	0	0	0	0	0	0	0	0	0
1962	3	20	52	25.0	16	1300	0060	6	0	0	0	0</td								

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TOWED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1962	7	27	52	25.0	16	2215	0060	66	0	0	0	0	0	800	0	0	0	0	0
1962	8	19	52	25.0	16	0825	0060	7	0	0	0	0	0	15	0	0	0	0	0
1962	9	23	52	25.0	16	2200	0060	116	0	0	0	0	0	1200	0	0	0	0	0
1962	10	28	52	25.0	16	1220	0060	3	0	0	0	0	0	15	0	0	0	0	0
1962	11	30	52	25.0	16	1220	0060	15	0	0	0	0	0	24	0	0	0	0	0
1962	12	16	52	25.0	16	0725	0060	24	0	0	0	0	0	2	0	0	0	0	0
1962	1	20	45	25.0	17	0535	0060	221	0	0	0	0	0	25	0	0	0	0	0
1962	2	18	45	25.0	17	1755	0060	19	0	0	0	0	0	13	0	0	0	0	0
1962	3	21	45	25.0	17	0945	0060	21	0	0	0	0	0	2	0	0	0	0	0
1962	4	19	45	25.0	17	0630	0060	3	0	0	0	0	0	3	0	0	0	0	0
1962	5	18	45	25.0	17	1600	0060	4	0	0	0	0	0	50	0	0	0	0	0
1962	6	26	45	25.0	17	0730	0060	3	0	0	0	0	0	5	0	0	0	0	0
1962	7	26	45	25.0	17	0715	0060	13	0	0	0	0	0	500	0	0	0	0	0
1962	8	18	45	25.0	17	0040	0060	83	0	0	0	0	0	1500	0	0	0	0	0
1962	9	25	45	25.0	17	1640	0060	9	0	0	0	0	0	131	0	0	0	0	0
1962	10	27	45	25.0	17	0600	0060	23	0	0	0	0	0	70	0	0	0	0	0
1962	11	29	45	25.0	17	1145	0060	46	0	0	0	0	0	36	0	0	0	0	0
1962	12	15	45	25.0	17	0130	0060	277	0	0	0	0	0	271	0	0	0	0	0
1962	1	3	3	25.0	18	2300	0060	111	0	0	0	0	0	33	0	0	0	0	0
1962	1	30	3	25.0	18	0110	0060	100	0	0	0	0	0	1	0	0	0	0	0
1962	2	18	3	25.0	18	0405	0060	37	0	0	0	0	0	53	0	0	0	0	0
1962	4	19	3	25.0	18	0320	0060	29	0	0	0	0	0	3	0	0	0	0	0
1962	5	19	3	25.0	18	1730	0060	2	0	0	0	0	0	2	0	0	0	0	0
1962	6	19	3	25.0	18	0125	0060	18	0	0	0	0	0	175	0	0	0	0	0
1962	7	19	3	25.0	18	0220	0060	0	0	0	0	0	0	0	0	0	0	0	
1962	8	10	3	25.0	18	0455	0060	57	0	0	0	0	0	148	0	0	0	0	0
1962	9	7	3	25.0	18	2340	0060	45	0	0	0	0	0	658	0	0	0	0	0
1962	10	17	3	25.0	18	0900	0060	9	0	0	0	0	0	39	0	0	0	0	0
1962	11	15	3	25.0	18	0450	0060	385	0	0	0	0	0	500	0	0	0	0	0
1962	12	5	3	25.0	18	0020	0060	278	0	0	0	0	0	600	0	0	0	0	0
1962	1	28	10	25.0	19	0810	0060	24	0	0	0	0	0	4	0	0	0	0	0
1962	2	27	10	25.0	19	1450	0060	11	0	0	0	0	0	5	0	0	0	0	0
1962	3	22	10	25.0	19	1925	0060	150	0	0	0	0	0	1	0	0	0	0	0
1962	4	20	10	25.0	19	0730	0060	17	0	0	0	0	0	1	0	0	0	0	0
1962	5	20	10	25.0	19	2130	0060	160	0	0	0	0	0	1	0	0	0	0	0
1962	6	20	10	25.0	19	0715	0060	12	0	0	0	0	0	3	0	0	0	0	0
1962	7	21	10	25.0	19	0800	0060	2	0	0	0	0	0	2	0	0	0	0	0
1962	8	11	10	25.0	19	1130	0060	9	0	0	0	0	0	8	0	0	0	0	0
1962	9	9	10	25.0	19	1020	0060	2	0	0	0	0	0	3	0	0	0	0	0
1962	10	18	10	25.0	19	0810	0060	11	0	0	0	0	0	3	0	0	0	0	0
1962	11	16	10	25.0	19	0725	0060	12	0	0	0	0	0	6	0	0	0	0	0
1962	12	11	10	25.0	19	1100	0060	11	0	0	0	0	0	16	0	0	0	0	0
1962	1	27	15	25.0	20	1235	0060	29	0	0	0	0	0	0	0	0	0	0	0
1962	2	26	15	25.0	20	1820	0060	101	0	0	0	0	0	28	0	0	0	0	0
1962	3	25	15	25.0	20	1440	0060	13	0	0	0	0	0	1	0	0	0	0	0
1962	4	26	15	25.0	20	1845	0060	58	0	0	0	0	0	81	0	0	0	0	0
1962	6	21	15	25.0	20	1730	0060	8	0	0	0	0	0	3	0	0	0	0	0
1962	7	21	15	25.0	20	1850	0060	101	0	0	0	0	0	0	0	0	0	0	0
1962	8	12	15	25.0	20	0710	0060	33	0	0	0	0	0	17	0	0	0	0	0
1962	9	10	15																

MONTH	DAY	STATION	DEPTH, FATHOMS	STAT. AREA	CST TIME	START TOWED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW					
							P.A.	P.S.	P.D.	T.C.	S.B.	S.D.

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TOWED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1962	3	24	52	45.0	14	0350	0060	259	0	0	0	0	0	0	0	0	0	0	0
1962	4	22	52	45.0	14	1525	0060	36	0	0	0	0	0	0	0	0	0	0	0
1962	5	21	52	45.0	14	1735	0060	49	0	0	0	0	0	0	0	0	0	0	0
1962	6	29	52	45.0	14	2315	0060	18	0	0	0	0	0	0	0	0	0	0	0
1962	7	29	52	45.0	14	1130	0060	17	0	0	0	0	0	0	0	0	0	0	0
1962	8	21	52	45.0	14	0130	0060	132	0	0	0	0	0	0	0	0	0	0	0
1962	9	22	52	45.0	14	1030	0060	14	0	0	0	0	0	0	0	0	0	0	0
1962	10	29	52	45.0	14	2330	0060	23	0	0	0	0	0	0	0	0	0	0	0
1962	12	2	52	45.0	14	2125	0060	17	0	0	0	0	0	0	0	0	0	0	0
1962	12	17	52	45.0	14	1330	0060	7	0	0	0	0	0	0	0	0	0	0	0
1962	1	25	59	45.0	15	1255	0060	27	0	0	0	0	0	0	0	0	0	0	0
1962	2	27	59	45.0	15	0235	0060	124	0	0	0	0	0	0	0	0	0	0	0
1962	3	27	59	45.0	15	0505	0015	0	0	0	0	0	0	0	0	0	0	0	0
1962	4	21	59	45.0	15	1910	0060	121	0	0	0	0	0	0	0	0	0	0	0
1962	5	20	59	45.0	15	2430	0060	95	0	0	0	0	0	0	0	0	0	0	0
1962	6	28	59	45.0	15	0810	0060	34	0	0	0	0	0	0	0	0	0	0	0
1962	7	28	59	45.0	15	2115	0060	69	0	0	0	0	0	0	0	0	0	0	0
1962	8	20	59	45.0	15	0715	0060	6	0	0	0	0	0	0	0	0	0	0	0
1962	9	23	59	45.0	15	0030	0060	48	0	0	0	0	0	0	0	0	0	0	0
1962	10	29	59	45.0	15	1000	0060	13	0	0	0	0	0	0	0	0	0	0	0
1962	12	2	59	45.0	15	0730	0060	4	0	0	0	0	0	0	0	0	0	0	0
1962	12	16	59	45.0	15	2240	0060	71	0	0	0	0	0	0	0	0	0	0	0
1962	1	25	50	45.0	16	0225	0060	41	0	0	0	0	0	0	0	0	0	0	0
1962	3	22	50	45.0	16	0850	0060	61	0	0	0	0	0	0	0	0	0	0	0
1962	4	20	50	45.0	16	0645	0060	21	0	0	0	0	0	0	0	0	0	0	0
1962	5	19	50	45.0	16	1055	0060	1	0	0	0	0	0	0	0	0	0	0	0
1962	6	27	50	45.0	16	0355	0060	5	0	0	0	0	0	0	0	0	0	0	0
1962	7	27	50	45.0	16	1250	0055	3	0	0	0	0	0	0	0	0	0	0	0
1962	8	19	50	45.0	16	0145	0060	36	0	0	0	0	0	0	0	0	0	0	0
1962	9	24	50	45.0	16	0350	0060	21	0	0	0	0	0	0	0	0	0	0	0
1962	10	28	50	45.0	16	0420	0060	83	0	0	0	0	0	0	0	0	0	0	0
1962	11	30	50	45.0	16	0620	0025	17	0	0	0	0	0	0	0	0	0	0	0
1962	12	15	50	45.0	16	2300	0060	70	0	0	0	0	0	0	0	0	0	0	0
1962	1	20	47	45.0	17	1305	0060	53	0	0	0	0	0	0	0	0	0	0	0
1962	2	18	47	45.0	17	2310	0060	132	0	0	0	0	0	0	0	0	0	0	0
1962	3	21	47	45.0	17	1620	0060	42	0	0	0	0	0	0	0	0	0	0	0
1962	4	19	47	45.0	17	1335	0060	27	0	0	0	0	0	0	0	0	0	0	0
1962	5	18	47	45.0	17	2150	0060	58	0	0	0	0	0	0	0	0	0	0	0
1962	6	26	47	45.0	17	1425	0060	18	0	0	0	0	0	0	0	0	0	0	0
1962	7	26	47	45.0	17	1430	0060	15	0	0	0	0	0	0	0	0	0	0	0
1962	8	18	47	45.0	17	0825	0060	25	0	0	0	0	0	0	0	0	0	0	0
1962	9	24	47	45.0	17	2240	0060	28	0	0	0	0	0	0	0	0	0	0	0
1962	10	27	47	45.0	17	1300	0060	32	0	0	0	0	0	0	0	0	0	0	0
1962	11	29	47	45.0	17	1815	0060	18	0	0	0	0	0	0	0	0	0	0	0
1962	12	15	47	45.0	17	1020	0060	18	0	0	0	0	0	0	0	0	0	0	0
1962	1	30	5	45.0	18	0620	0060	3	0	0	0	0	0	0	0	0	0	0	0
1962	2	18	5	45.0	18	1020	0060	14	0	0	0	0	0	0	0	0	0	0	0
1962	3	21	5	45.0	18	2220	0060	36	0	0	0	0	0	0	0	0	0	0	0
1962	4	19	5	45.0	18	1115	0015	0	0	0	0	0	0	0	0	0	0	0	0
1962	5	20	5	45.0	18	2400	0060	1											

YEAR MONTH DAY STATION NUMBER FATHOMS STAT. AREA CST START TIME P.A. P.S. P.D. T.C. S.B. S.D. S.S. S.V. S.A. X.K. P.L. CATCH [NUMBER] OF SHRIMP [BY SPECIES] PER TOW

YEAR	MONTH	DAY	STATION	DEPTL.	STAT.	CST	MIN.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW						
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.S.

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST MIN.	START TOWED	P.A.	P.S.	P.D.	T.S.	S.B.	S.D.	S.S.	S.V.	S.A.	X.R.	P.L.	CATCH (IN NUMBER) OF SHRIMP (BY SPECIES) PER TOW
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YEAR MONTH DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START TOWED	MIN.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW
						P.A. P.S. P.D. T.S. T.C. S.B. S.D. S.S. S.V. S.A. X.K. P.L.

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START TOWED	MIN.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1963	1	29	42	25.0	17	2310	0060	154	0	0	0	0	0	0	49	0	0	0	0
1963	2	20	42	25.0	17	0920	0060	21	0	0	0	0	0	0	5	0	0	0	0
1963	3	27	42	25.0	17	0415	0060	114	0	0	0	0	0	0	14	0	0	0	0
1963	4	29	42	25.0	17	0435	0060	23	0	0	0	0	0	0	35	0	0	0	0
1963	5	14	42	25.0	17	1430	0060	12	0	0	0	0	0	0	2	0	0	0	0
1963	6	19	42	25.0	17	0710	0060	1	0	0	0	0	0	0	1	0	0	0	0
1963	7	10	42	25.0	17	1740	0060	6	0	0	0	0	0	0	32	0	0	0	0
1963	8	17	42	25.0	17	0430	0060	173	0	0	0	0	0	0	105	0	0	0	0
1963	9	22	42	25.0	17	0415	0060	381	0	0	0	0	0	0	0	0	0	0	0
1963	10	20	42	25.0	17	1525	0060	16	0	0	0	0	0	0	0	0	0	0	0
1963	11	20	42	25.0	17	1450	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	12	10	42	25.0	17	1300	0060	14	0	0	0	0	0	0	16	0	0	0	0
1963	1	31	3	3	18	2245	0060	34	0	0	0	0	0	0	9	0	0	0	0
1963	3	3	3	3	18	0840	0060	17	0	0	0	0	0	0	3	0	0	0	0
1963	4	3	3	3	18	0310	0060	2	0	0	0	0	0	0	0	0	0	0	0
1963	5	6	3	3	18	1750	0060	0	0	0	0	0	0	0	25	0	0	0	0
1963	5	20	3	25.0	18	0220	0060	30	0	0	0	0	0	0	0	0	0	0	1
1963	6	26	3	25.0	18	2400	0060	53	0	0	0	0	0	0	0	0	0	0	0
1963	7	16	3	25.0	18	2030	0060	0	0	0	0	0	0	0	12	0	0	0	0
1963	8	31	3	25.0	18	0030	0060	132	0	0	0	0	0	0	183	0	0	0	0
1963	10	2	3	25.0	18	0150	0060	305	0	0	0	0	0	0	135	0	0	0	0
1963	10	31	3	25.0	18	0330	0060	170	0	0	0	0	0	0	69	0	0	0	0
1963	11	30	3	25.0	18	0230	0060	325	0	0	0	0	0	0	123	0	0	0	0
1963	12	19	3	25.0	18	0540	0060	118	0	0	0	0	0	0	30	0	0	0	0
1963	2	2	15	25.0	20	1030	0060	2	0	0	0	0	0	0	0	0	0	0	14
1963	2	4	15	25.0	20	1920	0060	164	0	0	0	0	0	0	85	0	0	0	0
1963	3	8	15	25.0	20	0815	0060	17	0	0	0	0	0	0	0	0	0	0	0
1963	4	3	15	25.0	20	2255	0060	41	0	0	0	0	0	0	25	0	0	0	0
1963	5	2	15	25.0	20	1200	0060	11	0	0	0	0	0	0	16	0	0	0	0
1963	5	21	15	25.0	20	2310	0060	63	0	0	0	0	0	0	224	0	0	0	0
1963	6	26	15	25.0	20	2120	0060	844	0	0	0	0	0	0	400	0	0	0	0
1963	7	16	15	25.0	20	0900	0060	3	0	0	0	0	0	0	0	0	0	0	
1963	8	30	15	25.0	20	0700	0060	7	0	0	0	0	0	0	150	0	0	0	0
1963	10	2	15	25.0	20	2045	0060	110	0	0	0	0	0	0	5	0	0	0	0
1963	10	31	15	25.0	20	2215	0060	241	0	0	0	0	0	0	2	0	0	0	0
1963	11	30	15	25.0	20	1930	0060	330	0	0	0	0	0	0	57	0	0	0	0
1963	12	19	15	25.0	20	2145	0060	158	0	0	0	0	0	0	3	0	0	0	0
1963	2	2	22	25.0	20	1715	0060	57	0	0	0	0	0	0	10	0	0	0	0
1963	3	9	22	25.0	20	0435	0060	69	0	0	0	0	0	0	46	0	0	0	0
1963	4	4	22	25.0	20	1240	0060	7	0	0	0	0	0	0	5	0	0	0	0
1963	5	5	22	25.0	20	1500	0060	17	0	0	0	0	0	0	7	0	0	0	0
1963	5	21	22	25.0	20	1255	0060	25	0	0	0	0	0	0	2	0	0	0	0
1963	6	27	22	25.0	20	1515	0060	6	0	0	0	0	0	0	0	0	0	0	0
1963	7	13	22	25.0	20	1105	0060	2	0	0	0	0	0	0	140	0	0	0	0
1963	8	29	22	25.0	20	1920	0060	254	0	0	0	0	0	0	0	0	0	0	0
1963	10	4	22	25.0	20	1345	0060	162	0	0	0	0	0	0	0	0	0	0	0
1963	11	4	22	25.0	20	0600	0060	99	0	0	0	0	0	0	0	0	0	0	0
1963	12	1	22	25.0	20	2215	0060	0	0	0	0	0	0	0	2	0	0	0	0
1963	12	21	22	25.0	20	1515	0060	87	0	0	0	0	0	0	1	0	0	0	0
1963	3	9	40	25.0	21	2300													

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START TOWED	MIN.	P.A., P.S., P.D., T.C., S.B., S.D., S.S., S.V., S.A., X.K., P.L.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW
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YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TICKED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1963	12	21	36	40.0	20	1815	0060	93	0	0	0	0	0	0	0	0	0	0	0
1963	1	26	72	60.0	13	1130	0030	9	0	0	0	0	0	0	0	0	0	0	0
1963	1	28	50	60.0	15	2030	0030	1	0	0	0	0	0	0	0	0	0	0	0
1963	1	30	48	60.0	17	0710	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	3	27	48	60.0	17	1130	0060	3	0	0	0	0	0	0	0	0	0	0	0
1963	4	28	48	60.0	17	2015	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	7	11	48	60.0	17	2335	0060	15	0	0	0	0	0	0	0	0	0	0	0
1963	10	20	48	60.0	17	2230	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	1	30	6	60.0	18	1805	0060	8	0	0	0	0	0	0	0	0	0	0	0
1963	3	3	6	60.0	18	0245	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	6	6	6	60.0	18	0930	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	5	20	6	60.0	18	0030	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	5	26	6	60.0	18	0845	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	5	7	6	60.0	18	0620	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	8	16	6	60.0	18	1605	0060	1	0	0	0	0	0	0	0	0	0	0	0
1963	30	30	6	60.0	18	1900	0060	1	0	0	0	0	0	0	0	0	0	0	0
1963	31	3	6	60.0	18	1015	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	10	30	6	60.0	18	0800	0060	0	0	0	0	0	0	0	0	0	0	0	0
1963	11	19	6	60.0	18	1125	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	1	22	34	4.0	13	1205	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	2	10	34	4.0	13	0115	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	2	28	34	4.0	13	1800	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	4	24	34	4.0	13	1230	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	5	17	34	4.0	13	0900	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	6	20	34	4.0	13	0100	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	7	12	34	4.0	13	0305	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	8	24	34	4.0	13	1500	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	9	20	34	4.0	13	1015	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	10	23	34	4.0	13	1855	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	11	13	34	4.0	13	0705	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	12	10	34	4.0	13	2240	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	1	22	35	4.0	14	1800	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	2	8	35	4.0	14	2205	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	2	29	35	4.0	14	1405	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	4	24	35	4.0	14	2005	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	5	17	35	4.0	14	1620	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	6	20	35	4.0	14	0955	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	7	12	35	4.0	14	1415	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	8	24	35	4.0	14	2300	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	9	20	35	4.0	14	1905	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	10	13	35	4.0	14	1450	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	11	10	35	4.0	16	1300	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	12	23	35	4.0	16	1040	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	1	8	35	4.0	16	1100	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	2	18	35	4.0	16	0820	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	4	13	35	4.0	16	0915	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	5	25	35	4.0	16	1355	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	6	25	35	4.0	16	1530	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	7	21	35	4.0	16	0940	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	8	12	35	4.0	16	1220	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	9	10	35	4.0	16	1040	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	10	1	35	4.0	16	113													

STATION DEPTH,
MONTH DAY NUMBER FATHOMS STAT. AREA CST. MIN.
YEAR START TOWED P.A. P.S. P.D. T.S. T.C. S.B. S.D. S.S. S.V. S.A. X.K. P.L.

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST. START TOWED	MIN.	CATCH [NUMBER] OF SHRIMP [BY SPECIES] PER TOW								
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.
1964	1	24	38	4.0	16	1830	0060	3	2	0	0	0	1	0	0	0
1964	11	14	38	4.0	16	0800	0060	7	99	1	1	0	0	0	0	0
1964	12	12	38	4.0	16	1305	0060	1	40	0	0	0	0	0	0	0
1964	1	23	91	4.0	17	2045	0060	0	17	0	0	0	0	0	0	0
1964	2	8	91	4.0	17	0130	0060	0	17	0	0	0	0	0	0	0
1964	4	25	91	4.0	17	1840	0060	0	120	1	46	10	3	0	0	0
1964	5	18	91	4.0	17	1840	0060	1	190	0	0	0	0	0	0	0
1964	6	17	91	4.0	17	2130	0060	156	10	86	10	10	0	0	0	0
1964	7	24	91	4.0	17	0405	0030	86	5	196	5	2	0	0	0	0
1964	8	13	91	4.0	17	1135	0060	196	2	12	455	0	0	0	0	0
1964	9	26	91	4.0	17	0145	0060	7	195	0	0	0	0	0	0	0
1964	10	20	91	4.0	17	1600	0060	1	210	0	0	0	0	0	0	0
1964	11	25	91	4.0	17	0400	0060	0	260	0	0	0	0	0	0	0
1964	12	14	91	4.0	17	1455	0060	0	223	0	0	0	0	0	0	0
1964	1	12	91	4.0	17	2250	0060	0	64	0	0	0	0	0	0	0
1964	2	17	31	4.0	18	1300	0060	0	203	0	0	0	0	0	0	0
1964	3	14	31	4.0	18	1410	0060	0	0	0	0	0	0	0	0	0
1964	4	21	31	4.0	18	1425	0060	0	207	0	0	0	0	0	0	0
1964	5	21	31	4.0	18	1220	0060	4	10	0	0	0	0	0	0	0
1964	6	24	31	4.0	18	1745	0060	6	32	0	0	0	0	0	0	0
1964	7	15	31	4.0	18	1915	0060	63	1	21	112	0	0	0	0	0
1964	8	28	31	4.0	18	1525	0060	0	32	0	0	0	0	0	0	0
1964	9	24	31	4.0	18	1640	0060	21	1	0	103	0	0	0	0	0
1964	10	18	31	4.0	18	0800	0060	0	4	0	0	0	0	0	0	0
1964	11	19	31	4.0	18	1800	0060	0	64	0	0	0	0	0	0	0
1964	12	25	33	4.0	18	1805	0060	0	330	0	0	0	0	0	0	0
1964	1	18	33	4.0	18	0955	0060	0	15	0	0	0	0	0	0	0
1964	2	18	33	4.0	18	1745	0060	0	26	0	0	0	0	0	0	0
1964	3	22	33	4.0	18	1800	0060	0	0	0	0	0	0	0	0	0
1964	4	14	33	4.0	18	1605	0060	4	0	0	0	0	0	0	0	0
1964	5	21	33	4.0	18	2145	0060	1	90	0	0	0	0	0	0	0
1964	6	24	33	4.0	18	2220	0060	80	61	0	0	0	0	0	0	0
1964	7	15	33	4.0	18	1830	0060	107	20	0	0	0	0	0	0	0
1964	8	28	33	4.0	18	1850	0060	0	31	0	0	0	0	0	0	0
1964	9	24	33	4.0	18	2040	0060	0	91	0	0	0	0	0	0	0
1964	10	27	33	4.0	18	0440	0060	0	40	0	0	0	0	0	0	0
1964	11	18	33	4.0	18	1340	0060	0	45	0	0	0	0	0	0	0
1964	12	19	33	4.0	19	0700	0060	0	548	0	0	0	0	0	0	0
1964	1	30	34	4.0	19	1540	0060	0	35	0	0	0	0	0	0	0
1964	2	19	34	4.0	19	0900	0060	0	25	0	0	0	0	0	0	0
1964	3	21	34	4.0	19	1040	0060	256	50	0	86	0	0	0	0	0
1964	4	18	34	4.0	19	1715	0060	30	15	0	0	0	0	0	0	0
1964	5	25	34	4.0	19	1840	0060	96	0	10	80	0	0	0	0	0
1964	6	27	34	4.0	19	0615	0060	15	0	0	0	0	0	0	0	0
1964	7	18	34	4.0	19	0710	0060	2	0	0	0	0	0	0	0	0
1964	8	25	34	4.0	19	0130	0060	3	60	0	0	0	0	0	0	0
1964	9	1	34	4.0	19	1915	0060	1	49	0	0	0	0	0	0	0
1964	10	31	34	4.0	19	0550	0060	0	54	0	0	0	0	0	0	0
1964	11	25	34	4.0	20	1050	0060	0	400	0	0	0	0	0	0	0
1964	1	30	37	4.0	20	1215	0060	0	206	0	0	0	0	0	0	0
1964	2	20	37	4.0	20			0	0	0	0	0	0	0	0	0
1964	3	20	37	4.0	20			0	0	0	0	0	0	0	0	0

4

YEAR	MONTH	DAY	STATION	DEPTH, NUMBER FATHOMS	STAT.	CST AREA	MIN. START TOWED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW						
								P.A.	P.S.	P.D.	T.C.	S.B.	S.D.	S.V.

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TOWED	CATCH [NUMBER] OF SHRIMP [BY SPECIES] PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1964	12	9	44	15.0	17	0025	0060	0	0	0	0	0	15	0	0	0	0	0	0
1964	1	26	2	15.0	18	2340	0060	26	0	0	7	0	1	15	0	0	0	0	0
1964	2	23	2	15.0	18	0930	0060	0	0	0	0	0	0	0	0	0	0	0	0
1964	3	17	2	15.0	18	2140	0060	38	0	0	1	31	0	0	11	6	0	0	0
1964	4	14	2	15.0	18	2230	0060	18	0	0	0	45	0	0	72	0	0	0	0
1964	5	21	2	15.0	18	2315	0060	61	0	0	26	216	0	0	620	4	0	0	0
1964	6	24	2	15.0	18	2100	0060	855	0	0	13	231	0	0	50	25	0	0	0
1964	7	16	2	15.0	18	0155	0060	763	0	0	1	17	0	0	61	117	0	0	0
1964	9	29	2	15.0	18	0240	0060	175	0	0	0	1	0	0	15	62	0	0	0
1964	10	28	2	15.0	18	0145	0060	104	0	0	7	0	0	0	0	0	0	0	0
1964	11	27	2	15.0	18	0305	0060	212	0	0	0	12	0	0	32	3	0	0	0
1964	12	15	2	15.0	18	2045	0060	139	0	0	7	21	0	0	13	26	0	0	0
1964	1	28	14	15.0	20	1440	0060	23	5	0	0	3	0	0	0	7	0	0	0
1964	2	19	14	15.0	20	1210	0060	7	0	0	0	0	0	0	0	0	0	0	0
1964	3	21	14	15.0	20	1940	0060	155	0	0	0	89	0	0	0	3	0	0	0
1964	4	16	14	15.0	20	0200	0060	110	46	0	0	175	0	0	0	2	0	0	0
1964	5	23	14	15.0	20	1405	0060	13	25	0	6	19	0	0	0	0	0	0	0
1964	6	25	14	15.0	20	2125	0060	900	0	0	0	89	0	0	0	0	0	0	0
1964	7	17	14	15.0	20	0605	0060	296	0	0	1	42	0	0	0	0	0	0	0
1964	8	30	14	15.0	20	1350	0060	43	0	0	0	1	0	0	0	0	0	0	0
1964	9	27	14	15.0	20	2005	0060	108	1	0	0	0	0	0	0	0	0	0	0
1964	10	29	14	15.0	20	0705	0060	11	0	0	0	0	0	0	0	0	0	0	0
1964	11	26	14	15.0	20	0015	0060	226	0	0	0	6	0	0	0	1	0	0	0
1964	12	16	14	15.0	20	2320	0060	242	0	0	0	75	0	0	0	2	0	0	0
1964	1	30	23	15.0	20	2400	0060	0	57	0	0	238	0	0	0	0	0	0	0
1964	2	20	23	15.0	20	0415	0060	4	172	0	0	356	0	0	0	0	0	0	0
1964	3	19	23	15.0	20	1125	0060	4	66	0	0	83	0	0	0	0	0	0	0
1964	4	16	23	15.0	20	0835	0060	2	34	0	0	35	0	0	0	0	0	0	0
1964	5	22	23	15.0	20	1840	0060	9	16	0	4	49	0	0	0	0	0	0	0
1964	6	26	23	15.0	20	0455	0060	481	0	0	0	5	0	0	0	1	0	0	0
1964	7	17	23	15.0	20	1045	0060	322	0	0	0	38	0	0	0	2	0	0	0
1964	8	30	23	15.0	20	1910	0060	425	0	0	0	17	0	0	0	1	0	0	0
1964	9	26	23	15.0	20	1350	0060	118	0	0	1	3	0	0	0	0	0	0	0
1964	10	29	23	15.0	20	1245	0060	6	0	0	0	0	0	0	0	0	0	0	0
1964	11	23	23	15.0	20	1900	0060	15	22	0	0	28	0	0	0	1	0	0	0
1964	12	17	23	15.0	20	0605	0060	167	5	0	0	46	0	0	0	2	0	0	0
1964	4	24	59	25.0	13	0700	0060	14	0	0	0	0	0	0	0	0	0	0	0
1964	5	17	59	25.0	13	0300	0060	8	0	0	0	0	0	0	0	0	0	0	0
1964	6	19	59	25.0	13	1945	0060	24	0	0	0	0	0	0	183	0	0	0	0
1964	7	11	59	25.0	13	2000	0060	73	0	0	0	0	0	0	200	0	0	0	0
1964	8	27	59	25.0	13	0900	0060	26	0	0	0	0	0	0	150	1	0	0	0
1964	9	20	59	25.0	13	0200	0060	259	0	0	0	0	0	0	0	0	1	0	0
1964	10	23	59	25.0	13	1250	0060	40	0	0	0	0	0	0	0	0	0	0	0
1964	11	13	59	25.0	13	0100	0060	319	0	0	0	0	0	0	0	27	0	0	0
1964	12	11	59	25.0	13	0450	0060	56	0	0	0	0	0	0	0	0	0	0	0
1964	2	9	54	25.0	14	0605	0060	15	0	0	0	0	0	0	0	0	0	0	0
1964	4	23	54	25.0	14	1820	0060	70	0	0	0	0	0	0	0	0	0	0	0
1964	5	14	54	25.0	14	1600	0060	6	0	0	0	0	0	0	0	0	0	0	0
1964	6	19	54	25.0	14	0625	0060	17	0	0	0	0	0	0	0	0	0	0	0
1964	7	11	54	25.0	14	0830	0060	8	0										

YEAR MONTH DAY STATUS DEPTL,
NUMBER FATHMS STAT. AREA CST. MIN.
START TOWED P.A. P.S. P.D. T.S. T.C. S.B. S.D. S.S. S.V. S.A. X.K. P.L.

YEAR	MONTH	DAY	STATUS	DEPTL, NUMBER FATHMS	STAT. AREA	CST.	MIN.	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW								
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.
1964	1	1	29	22	20	1610	0060	0	0	0	0	0	0	0	0	0
1964	1	2	23	22	20	2200	0060	0	0	0	0	0	0	0	0	0
1964	1	3	27	22	20	0815	0060	120	24	6	3	2	2	0	0	0
1964	1	4	24	22	21	2145	0060	24	71	18	48	46	49	0	2	0
1964	1	5	26	22	21	0910	0060	6	37	10	0	0	0	0	0	0
1964	1	6	25	22	21	1540	0060	37	98	0	0	0	0	0	0	0
1964	1	7	27	22	21	2035	0060	10	229	8	0	0	0	0	0	0
1964	1	8	24	22	21	0740	0060	98	203	0	0	0	0	0	0	0
1964	1	9	26	22	21	0300	0060	229	8	0	0	0	0	0	0	0
1964	1	10	25	22	21	2340	0060	0	0	0	0	0	0	0	0	0
1964	1	11	24	22	21	0535	0060	0	0	0	0	0	0	0	0	0
1964	1	12	25	22	21	1410	0060	0	0	0	0	0	0	0	0	0
1964	1	13	27	22	21	1800	0060	0	0	0	0	0	0	0	0	0
1964	1	14	24	22	21	0905	0060	0	0	0	0	0	0	0	0	0
1964	1	15	25	22	21	1110	0060	0	0	0	0	0	0	0	0	0
1964	1	16	27	22	21	0215	0060	0	0	0	0	0	0	0	0	0
1964	1	17	24	22	21	0010	0060	0	0	0	0	0	0	0	0	0
1964	1	18	25	22	21	0920	0060	0	0	0	0	0	0	0	0	0
1964	1	19	27	22	21	1620	0060	0	0	0	0	0	0	0	0	0
1964	1	20	24	22	21	0730	0060	0	0	0	0	0	0	0	0	0
1964	1	21	25	22	21	0900	0060	0	0	0	0	0	0	0	0	0
1964	1	22	27	22	21	0600	0060	0	0	0	0	0	0	0	0	0
1964	1	23	24	22	21	0810	0060	0	0	0	0	0	0	0	0	0
1964	1	24	25	22	21	0425	0060	0	0	0	0	0	0	0	0	0
1964	1	25	27	22	21	1125	0060	0	0	0	0	0	0	0	0	0
1964	1	26	24	22	21	1800	0060	0	0	0	0	0	0	0	0	0
1964	1	27	25	22	21	1420	0060	0	0	0	0	0	0	0	0	0
1964	1	28	27	22	21	1915	0060	0	0	0	0	0	0	0	0	0
1964	1	29	24	22	21	0600	0060	0	0	0	0	0	0	0	0	0
1964	1	30	25	22	21	0900	0060	0	0	0	0	0	0	0	0	0
1964	1	31	27	22	21	0610	0060	0	0	0	0	0	0	0	0	0
1964	2	1	22	22	20	0830	0060	0	0	0	0	0	0	0	0	0
1964	2	2	24	22	20	1115	0060	0	0	0	0	0	0	0	0	0
1964	2	3	26	22	20	1425	0060	0	0	0	0	0	0	0	0	0
1964	2	4	25	22	20	2050	0060	0	0	0	0	0	0	0	0	0
1964	2	5	27	22	20	1640	0060	0	0	0	0	0	0	0	0	0
1964	2	6	24	22	20	0840	0060	0	0	0	0	0	0	0	0	0
1964	2	7	25	22	20	1955	0060	0	0	0	0	0	0	0	0	0
1964	2	8	27	22	20	2105	0030	0	0	0	0	0	0	0	0	0
1964	2	9	24	22	20	1600	0060	0	0	0	0	0	0	0	0	0
1964	2	10	25	22	20	1615	0060	0	0	0	0	0	0	0	0	0
1964	2	11	27	22	20	0750	0060	0	0	0	0	0	0	0	0	0
1964	2	12	24	22	20	1435	0060	0	0	0	0	0	0	0	0	0
1964	2	13	25	22	20	2130	0060	0	0	0	0	0	0	0	0	0
1964	2	14	27	22	20	1020	0060	0	0	0	0	0	0	0	0	0
1964	2	15	24	22	20	0030	0060	0	0	0	0	0	0	0	0	0
1964	2	16	25	22	20	0010	0060	0	0	0	0	0	0	0	0	0
1964	2	17	27	22	20	1415	0060	0	0	0	0	0	0	0	0	0
1965	1	1	22	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	2	23	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	3	24	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	4	25	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	5	27	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	6	24	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	7	25	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	8	27	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	9	24	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	10	25	22	13	0	0	0	0	0	0	0	0	0	0	0
1965	1	11	27	22	13	0	0									

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TOWED	CATCH [NUMBER] OF SHRIMP [BY SPECIES] PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1965	3	15	55	4.0	14	2335	0060	0	278	0	25	0	0	0	0	0	0	0	0
1965	4	18	55	4.0	14	0325	0060	1	23	0	1	0	0	0	0	0	0	0	0
1965	5	21	55	4.0	14	2120	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	6	21	55	4.0	14	2210	0030	0	0	12	0	0	0	0	0	0	0	0	0
1965	8	22	55	4.0	14	0550	0060	42	46	5	0	0	0	0	0	0	0	0	0
1965	9	13	55	4.0	14	2350	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	11	3	55	4.0	14	1615	0060	33	663	1	0	0	0	0	0	0	0	0	0
1965	11	29	55	4.0	14	0835	0060	0	0	2	0	0	0	0	0	0	0	0	0
1965	12	13	55	4.0	16	0330	0060	0	0	6	0	0	0	0	0	0	0	0	0
1965	3	15	50	4.0	16	1445	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	4	19	50	4.0	16	0125	0060	0	0	296	0	0	0	0	0	0	0	0	0
1965	5	19	50	4.0	16	1845	0060	0	0	16	0	0	0	0	0	0	0	0	0
1965	6	23	50	4.0	16	1920	0030	0	0	1	0	0	0	0	0	0	0	0	0
1965	8	24	50	4.0	16	0415	0060	254	9	6	0	0	0	0	0	0	0	0	0
1965	9	17	50	4.0	16	0720	0060	0	0	10	0	0	0	0	0	0	0	0	0
1965	11	5	50	4.0	16	0615	0060	276	0	0	0	0	0	0	0	0	0	0	0
1965	11	30	50	4.0	16	1530	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	12	17	51	4.0	17	0150	0060	0	0	88	0	0	0	0	0	0	0	0	0
1965	13	13	51	4.0	17	1435	0060	0	0	34	0	0	0	0	0	0	0	0	0
1965	13	17	51	4.0	17	0215	0030	0	0	28	0	0	0	0	0	0	0	0	0
1965	14	19	51	4.0	17	1330	0060	403	3	90	0	0	0	0	0	0	0	0	0
1965	15	24	51	4.0	17	0425	0060	0	0	300	0	0	0	0	0	0	0	0	0
1965	11	5	51	4.0	17	1605	0060	0	0	101	0	0	0	0	0	0	0	0	0
1965	12	31	51	4.0	18	1700	0060	0	0	68	0	0	0	0	0	0	0	0	0
1965	13	31	51	4.0	18	1335	0060	0	0	18	0	0	0	0	0	0	0	0	0
1965	14	31	51	4.0	18	1730	0060	0	0	96	0	0	0	0	0	0	0	0	0
1965	15	22	51	4.0	18	1400	0060	0	0	1	0	0	0	0	0	0	0	0	0
1965	16	22	51	4.0	18	1425	0030	0	0	0	0	0	0	0	0	0	0	0	0
1965	17	22	51	4.0	18	1145	0030	0	0	0	0	0	0	0	0	0	0	0	0
1965	18	22	51	4.0	18	0510	0060	0	0	1	0	0	0	0	0	0	0	0	0
1965	19	22	51	4.0	18	1500	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	20	22	51	4.0	18	1250	0060	0	0	11	0	0	0	0	0	0	0	0	0
1965	21	25	31	4.0	18	1455	0060	0	0	1	0	0	0	0	0	0	0	0	0
1965	22	25	31	4.0	18	1145	0060	0	0	282	0	0	0	0	0	0	0	0	0
1965	23	25	31	4.0	18	2015	0060	0	0	47	0	0	0	0	0	0	0	0	0
1965	24	25	31	4.0	18	1720	0060	0	0	314	0	0	0	0	0	0	0	0	0
1965	25	22	31	4.0	18	1745	0060	0	0	129	0	0	0	0	0	0	0	0	0
1965	26	22	31	4.0	18	0730	0060	0	0	15	0	0	0	0	0	0	0	0	0
1965	27	22	31	4.0	18	0125	0060	0	0	48	0	0	0	0	0	0	0	0	0
1965	28	22	31	4.0	18	1845	0060	0	0	555	0	0	0	0	0	0	0	0	0
1965	29	22	31	4.0	18	1720	0060	0	0	201	0	0	0	0	0	0	0	0	0
1965	30	22	31	4.0	18	2055	0060	0	0	14	0	0	0	0	0	0	0	0	0
1965	12	10	31	4.0	18	0220	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	13	8	31	4.0	18	1750	0060	0	0	19	0	0	0	0	0	0	0	0	0
1965	14	8	31	4.0	18	0450	0060	0	0	10	0	0	0	0	0	0	0	0	0
1965	15	8	31	4.0	18	1445	0060	0	0	5	0	0	0	0	0	0	0	0	0
1965	16	8	31	4.0	18	0725	0060	0	0	17	0	0	0	0	0	0	0	0	0
1965	17	8	34	4.0	19	1215	0030	0	0	0	0	0	0	0	0	0	0	0	0
1965	18	1	34	4.0	19	0220	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	19	24	34	4.0	19	1750	0060	0	0	0	0								

CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START TOWED	MIN. START TOWED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW											
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.
1965	11	5	45	7.5	17	1330	0060	1	19	0	0	0	0	0	0	0	0	0	0
1965	1	10	1	7.5	18	1305	0060	0	110	7	0	0	0	0	0	0	0	0	0
1965	2	25	1	7.5	18	2330	0060	1	19	158	0	0	0	0	0	0	0	0	0
1965	3	20	1	7.5	18	1950	0060	0	190	50	0	0	0	0	0	0	0	0	0
1965	4	22	1	7.5	18	1925	0060	1	70	140	0	0	0	0	0	0	0	0	0
1965	6	2	2	7.5	18	2550	0060	72	51	0	0	0	0	0	0	0	0	0	0
1965	6	15	1	7.5	18	2400	0060	80	0	0	0	0	0	0	0	0	0	0	0
1965	8	10	1	7.5	18	2025	0060	21	5	0	0	0	0	0	0	0	0	0	0
1965	9	8	1	7.5	18	1920	0060	0	13	0	0	0	0	0	0	0	0	0	0
1965	12	1	1	7.5	18	2230	0060	1	283	20	0	0	0	0	0	0	0	0	0
1965	1	3	1	7.5	19	2145	0060	0	47	69	0	0	0	0	0	0	0	0	0
1965	3	16	1	7.5	19	0110	0060	0	28	220	0	0	0	0	0	0	0	0	0
1965	4	16	1	7.5	19	1635	0060	4	84	25	0	0	0	0	0	0	0	0	0
1965	5	16	1	7.5	19	1555	0060	0	24	8	0	0	0	0	0	0	0	0	0
1965	6	16	1	7.5	19	0625	0060	0	56	0	0	0	0	0	0	0	0	0	0
1965	7	16	1	7.5	19	1340	0060	0	1	0	0	0	0	0	0	0	0	0	0
1965	8	16	1	7.5	19	1315	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	9	16	1	7.5	19	0550	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	10	16	1	7.5	19	1020	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	11	16	1	7.5	19	1130	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	12	16	1	7.5	19	1720	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	1	24	1	7.5	19	1300	0030	0	0	0	0	0	0	0	0	0	0	0	0
1965	2	24	1	7.5	19	0820	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	3	24	1	7.5	19	1945	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	4	24	1	7.5	19	0615	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	5	24	1	7.5	19	1515	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	6	24	1	7.5	19	2200	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	7	24	1	7.5	19	1515	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	8	24	1	7.5	19	2305	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	9	24	1	7.5	19	0005	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	10	24	1	7.5	19	2245	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	11	24	1	7.5	19	1805	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	12	24	1	7.5	19	1230	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	1	31	1	7.5	19	1605	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	2	31	1	7.5	19	1750	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	3	31	1	7.5	19	1220	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	4	31	1	7.5	19	1135	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	5	31	1	7.5	19	1655	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	6	31	1	7.5	19	1430	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	7	31	1	7.5	19	0445	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	8	31	1	7.5	19	2100	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	9	31	1	7.5	19	0265	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	10	31	1	7.5	19	1620	0050	0	0	0	0	0	0	0	0	0	0	0	0
1965	11	31	1	7.5	19	2000	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	12	31	1	7.5	19	0425	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	1	22	1	7.5	19	2235	0070	0	0	0	0	0	0	0	0	0	0	0	0
1965	2	22	1	7.5	19	2350	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	3	22	1	7.5	19	0130	0090	0	0	0	0	0	0	0	0	0	0	0	0
1965	4	22	1	7.5	19	1510	0060	0	0	0	0	0	0	0	0	0	0	0	0
1965	5	22	1	7.5	19	0120	0070	0	0	0	0	0	0	0	0	0	0	0	0
1965	6	22	1	7.5</															

YEAR	MONTH	DAY	STATION NUMBER	DEPTH, FATHOMS	STAT. AREA	CST START	MIN. TOWED	CATCH (NUMBER) OF SHRIMP (BY SPECIES) PER TOW													
								P.A.	P.S.	P.D.	T.S.	T.C.	S.B.	S.D.	S.S.	S.V.	S.A.	X.K.	P.L.		
1965	1	7	10	25.0	20	1920	0060	149	0	0	13	0	0	0	3	0	0	21	0	0	
1965	2	27	10	25.0	20	0630	0060	5	0	0	0	0	0	0	1	0	0	0	0	0	
1965	3	21	10	25.0	20	2200	0030	44	0	0	30	0	0	0	1	0	0	21	0	0	
1965	4	23	10	25.0	20	2130	0060	132	0	0	20	0	0	0	0	0	0	11	0	0	
1965	5	31	10	25.0	20	2100	0060	38	0	0	0	550	0	0	0	2	0	0	29	0	0
1965	6	12	10	25.0	20	1345	0060	1	0	0	0	0	0	0	0	0	0	0	0	0	
1965	8	12	10	25.0	20	0520	0060	47	0	0	4	0	0	0	0	0	0	0	0	0	
1965	9	11	10	25.0	20	0105	0060	386	0	0	0	0	0	0	0	0	0	0	0	0	
1965	12	10	10	25.0	20	0235	0060	161	0	0	26	0	0	0	1	0	0	6	0	0	
1965	1	8	22	25.0	20	1250	0070	17	0	0	0	0	0	0	0	0	0	12	0	0	
1965	2	26	22	25.0	20	0355	0060	67	0	0	64	0	0	0	0	3	0	2	0	0	
1965	3	22	22	25.0	20	1300	0060	6	0	0	1	0	0	0	0	0	0	0	0		
1965	4	24	22	25.0	20	1400	0060	9	0	0	0	0	0	0	0	0	0	0	0		
1965	5	30	22	25.0	20	0410	0060	85	0	0	750	0	0	0	0	0	0	106	0	0	
1965	6	13	22	25.0	20	0450	0060	30	0	0	104	0	0	0	0	0	0	55	0	0	
1965	8	12	22	25.0	20	2255	0060	380	0	0	31	0	0	0	0	0	0	73	0	0	
1965	9	11	22	25.0	20	1610	0060	94	0	0	10	0	0	0	0	0	0	150	0	0	
1965	12	10	22	25.0	20	2125	0060	136	0	0	0	0	0	0	0	0	0	5	0	0	
1965	4	24	40	25.0	21	2100	0060	90	0	0	31	0	0	0	0	2	0	0	42	0	
1965	5	30	40	25.0	21	1900	0060	377	0	0	400	0	0	0	0	0	0	1	0	0	
1965	6	13	40	25.0	21	1550	0060	28	0	0	10	0	0	0	0	0	0	2	0	0	
1965	8	13	40	25.0	21	1310	0060	42	0	0	0	0	0	0	0	0	0	0	0		
1965	12	11	40	25.0	21	0900	0060	32	0	0	0	0	0	0	0	0	0	0	0		
1965	8	21	93	40.0	13	1030	0070	65	0	0	0	0	0	0	0	0	0	0	0		
1965	8	13	36	40.0	20	0325	0060	3	0	0	0	0	0	0	0	0	0	0	0		
1965	8	11	6	60.0	18	1355	0055	18	0	0	0	0	0	0	0	0	0	0	0		